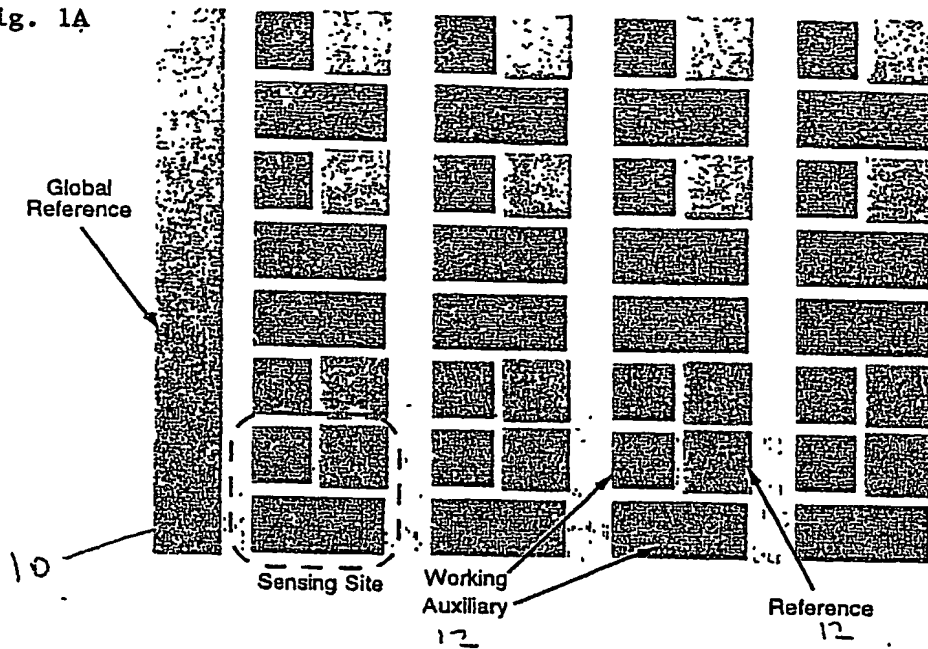
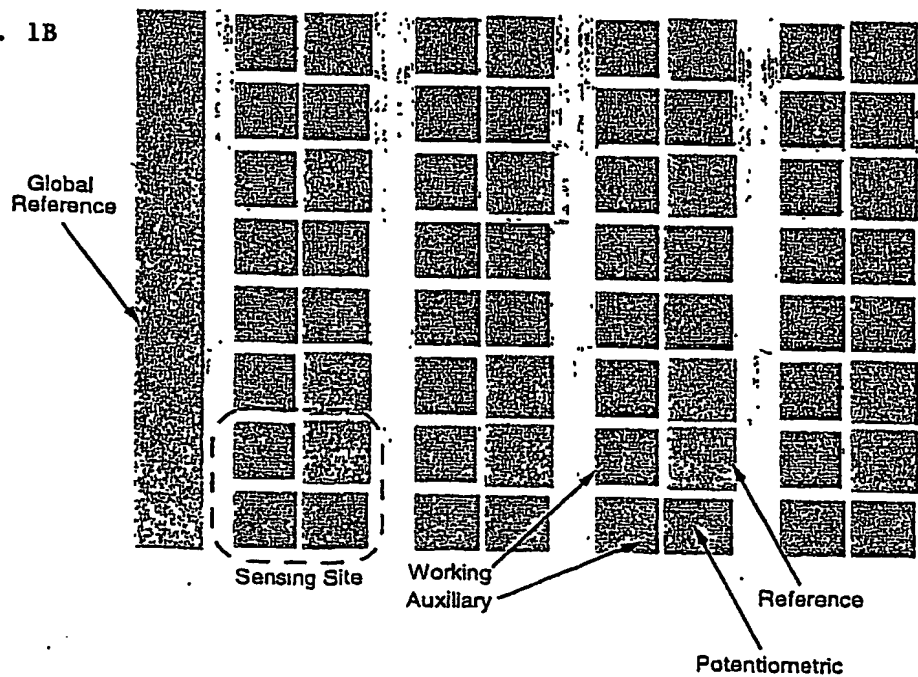
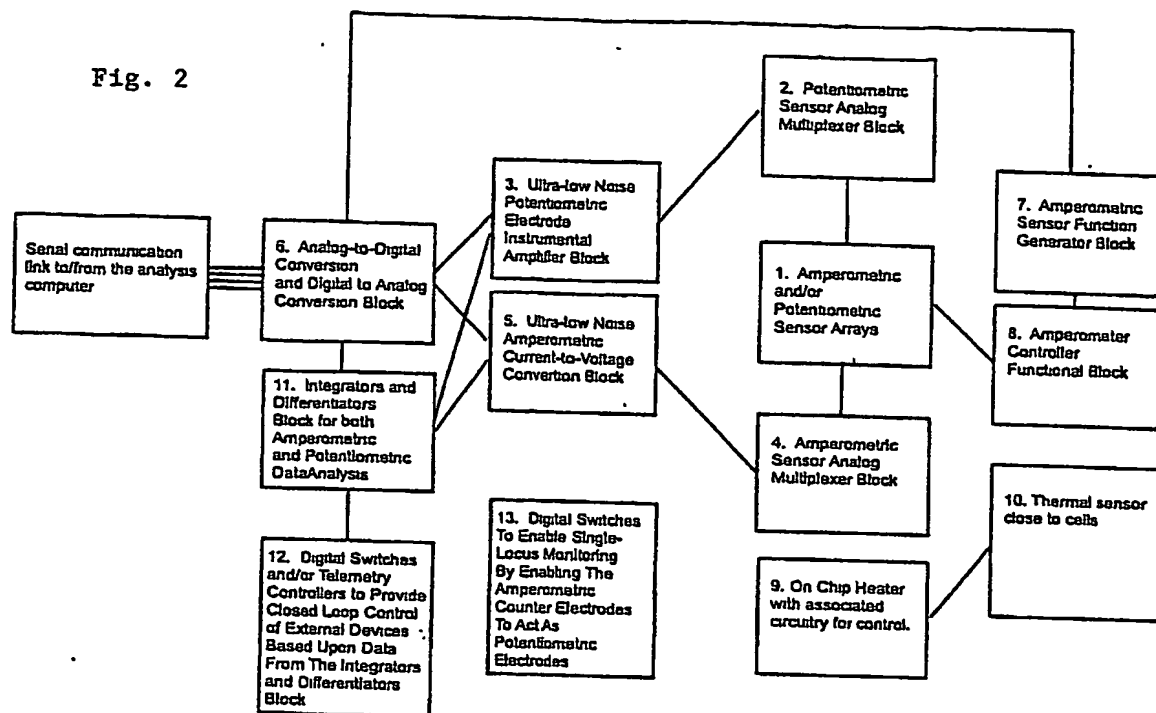


Fig. 1A  
A.Fig. 1B  
B.

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Fig. 2



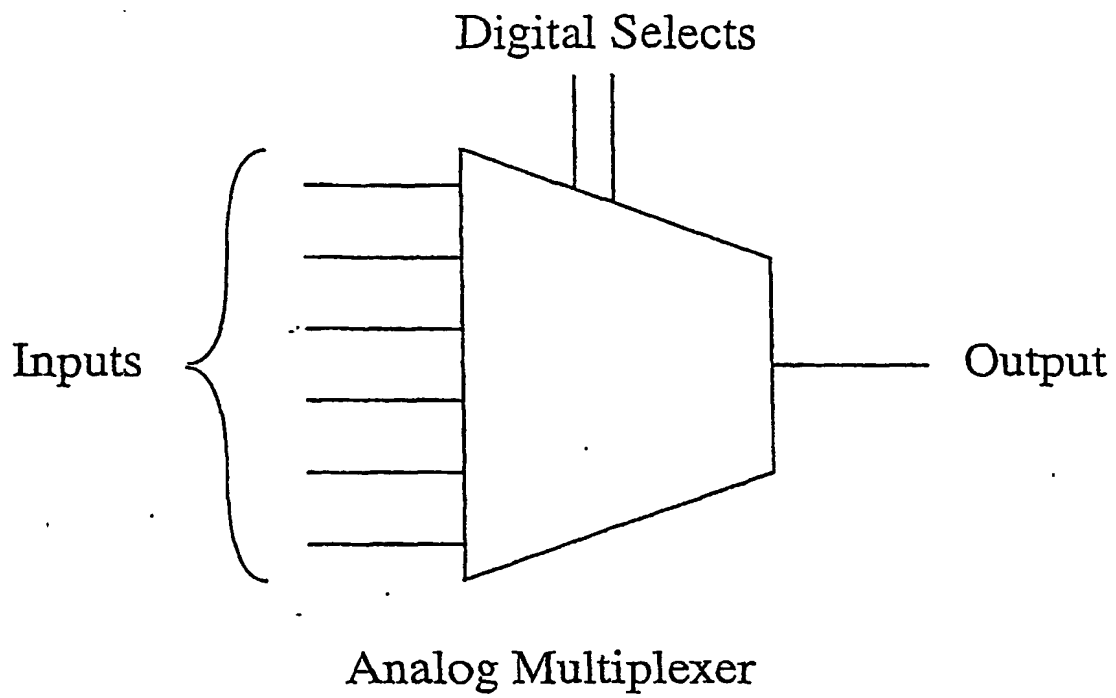
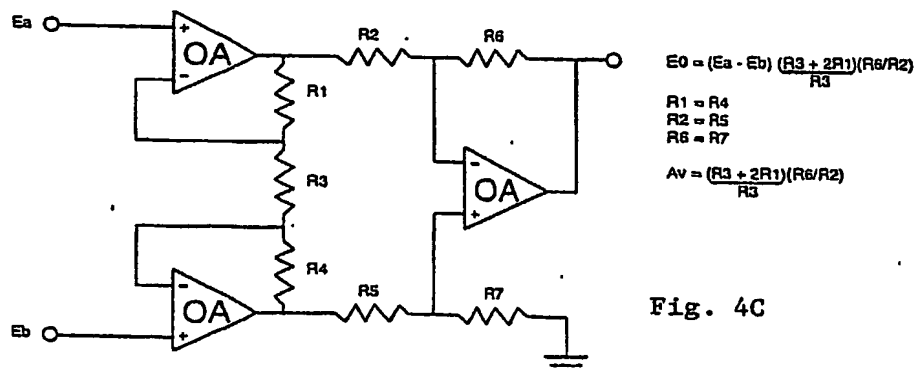
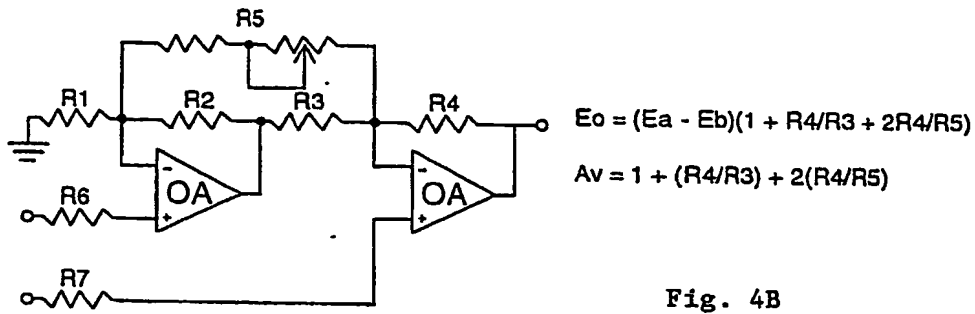
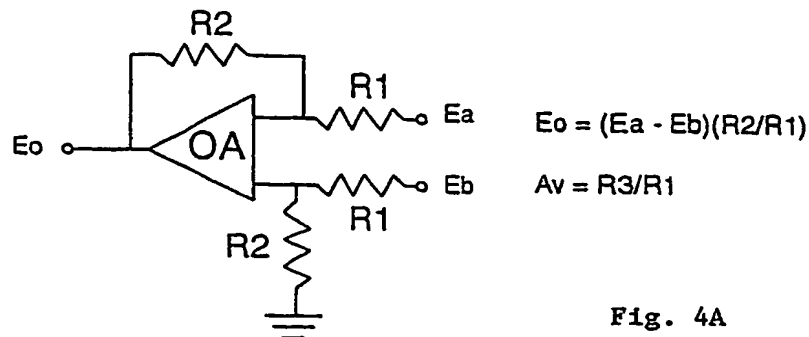


Fig. 3



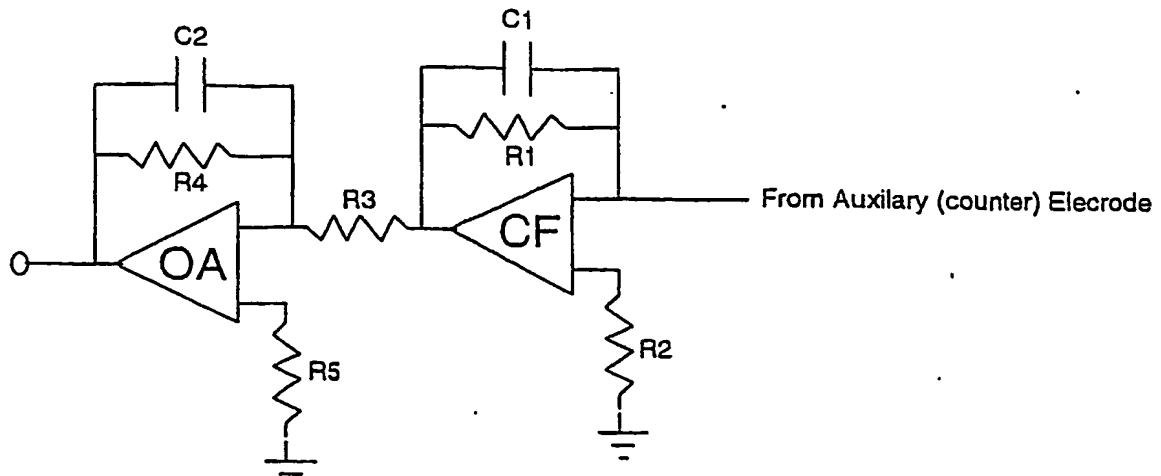


Fig. 5

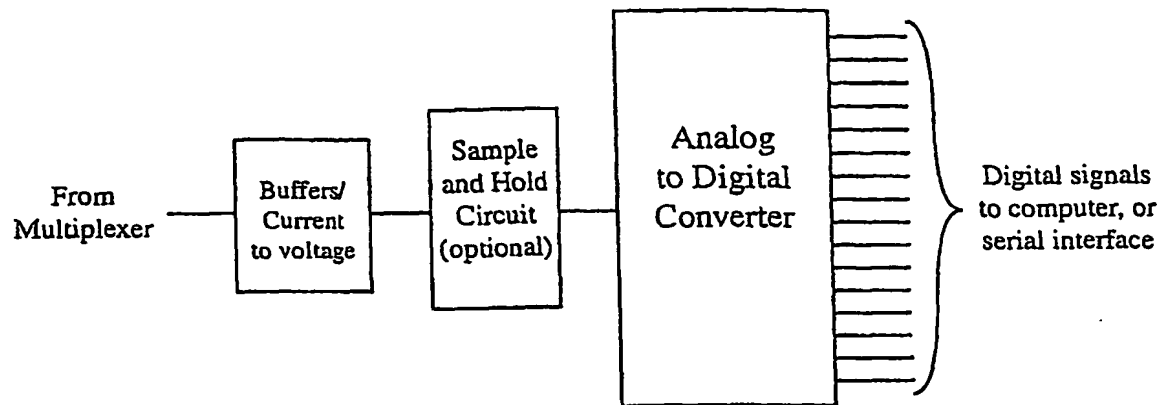


Fig. 6

Schmidt Trigger

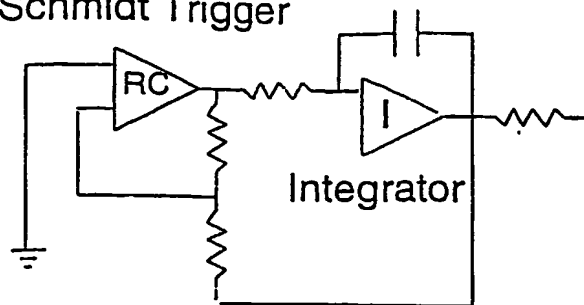


Fig. 7

+15V -15V

149K

1K

+15V -15V

149K

1K

Potential  
SourceRamp  
IntegratorTo Amperometer  
Controller Functional Block

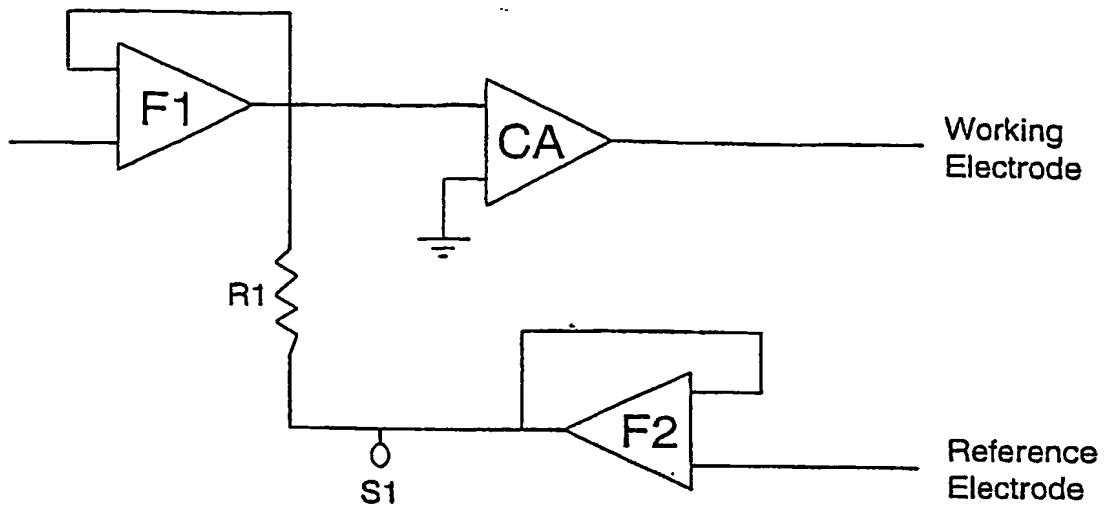


Fig. 8



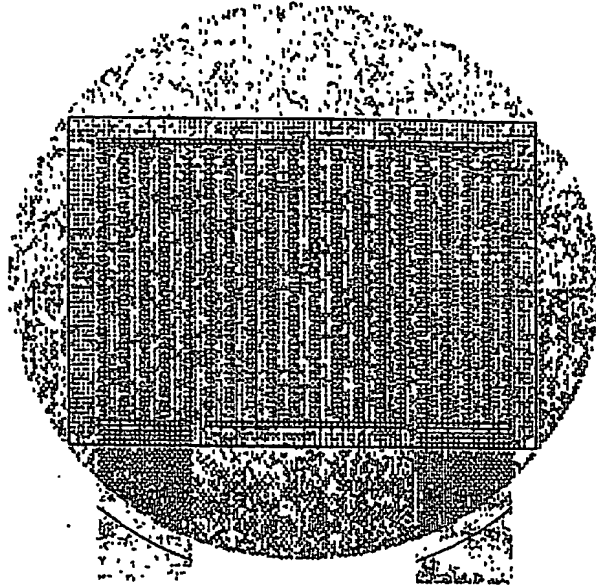


Fig. 9

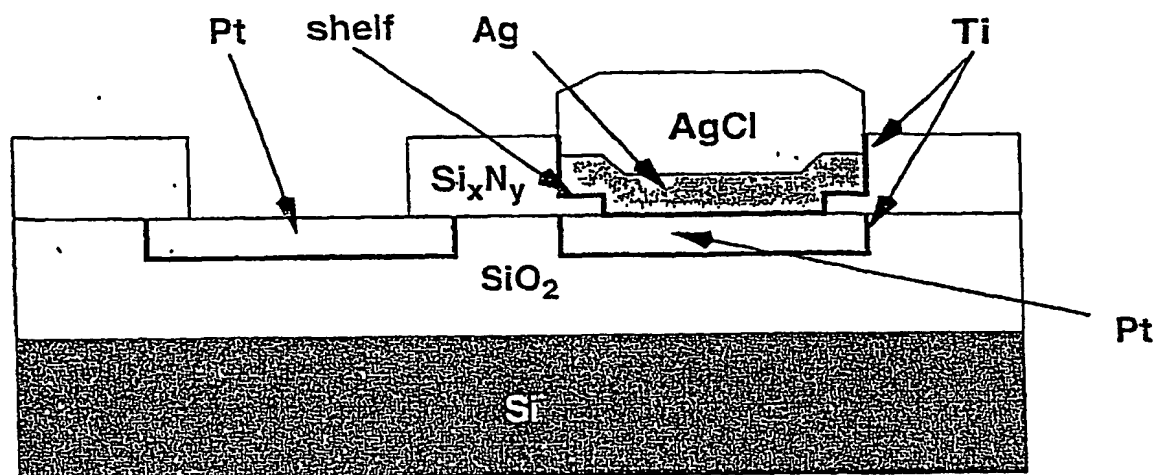


Fig. 10

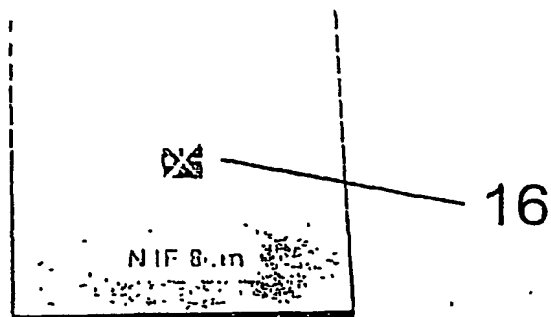


Fig. 11

## Sensor Array N1B-4-3; Sensor #5

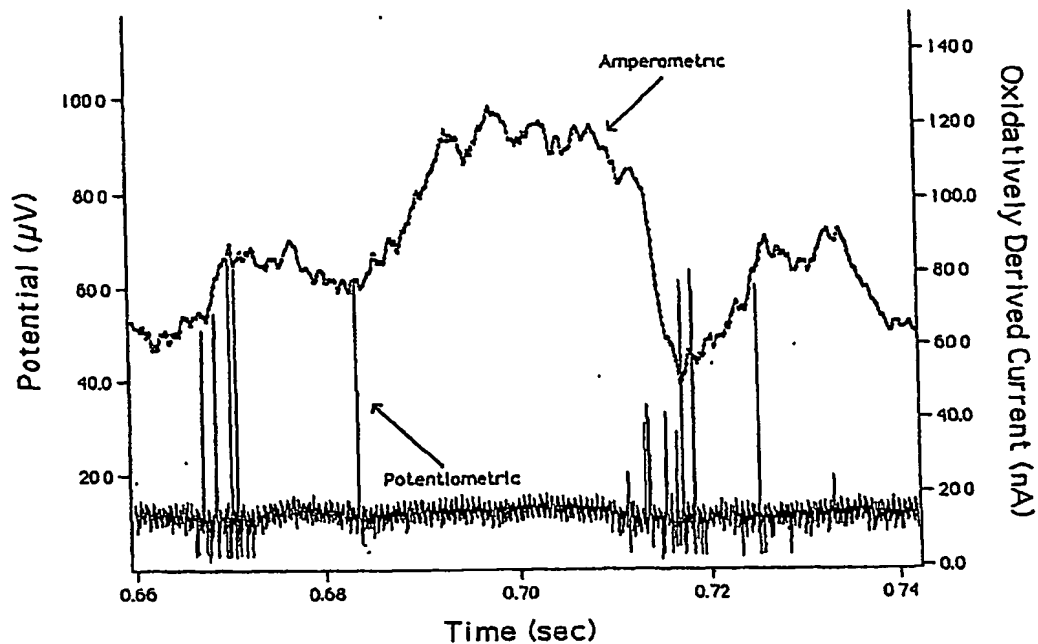


Fig. 12

## Sensor Array N1F-8-3; Sensor #14

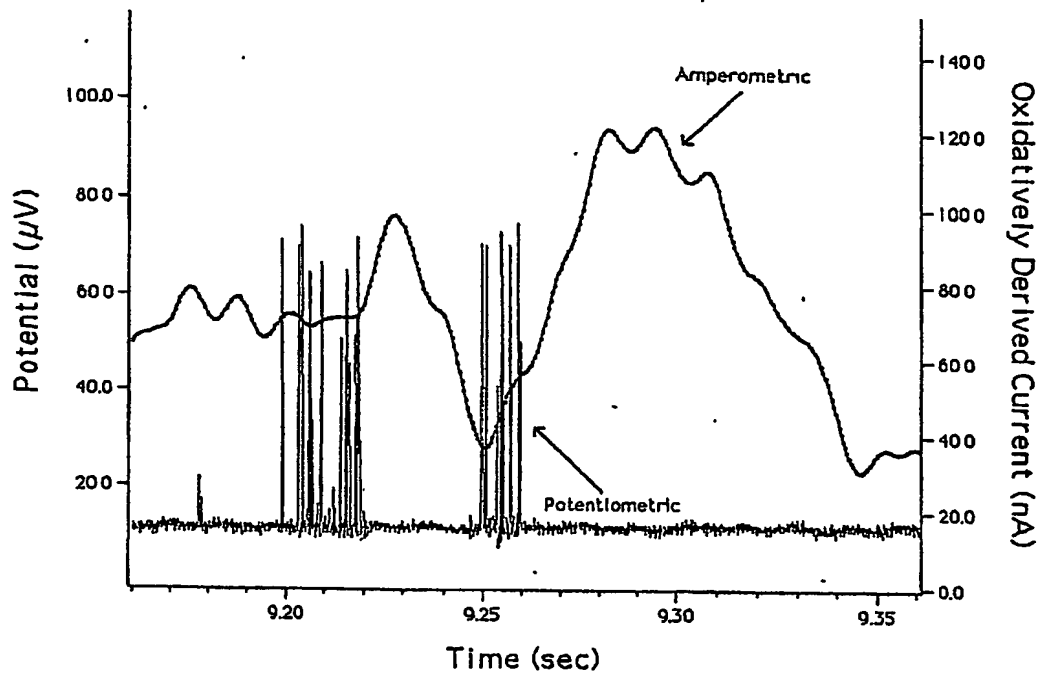


Fig. 13

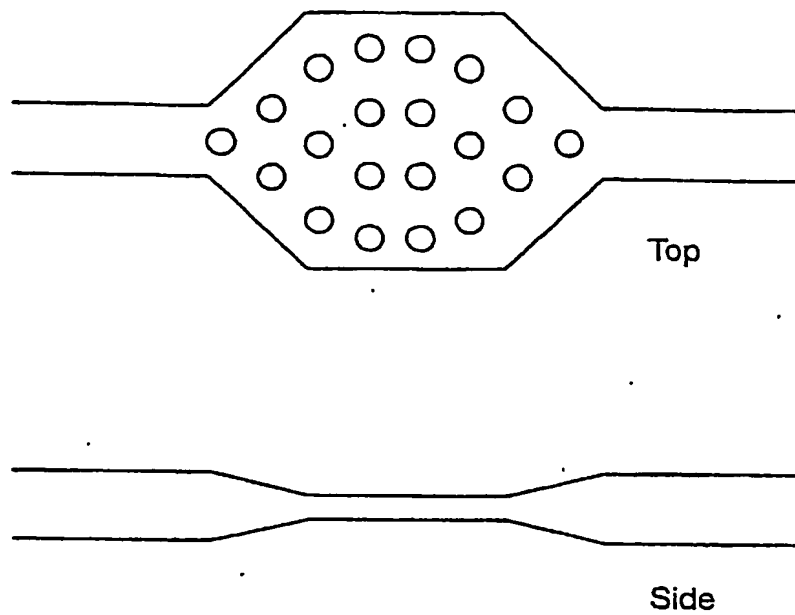


Fig. 14

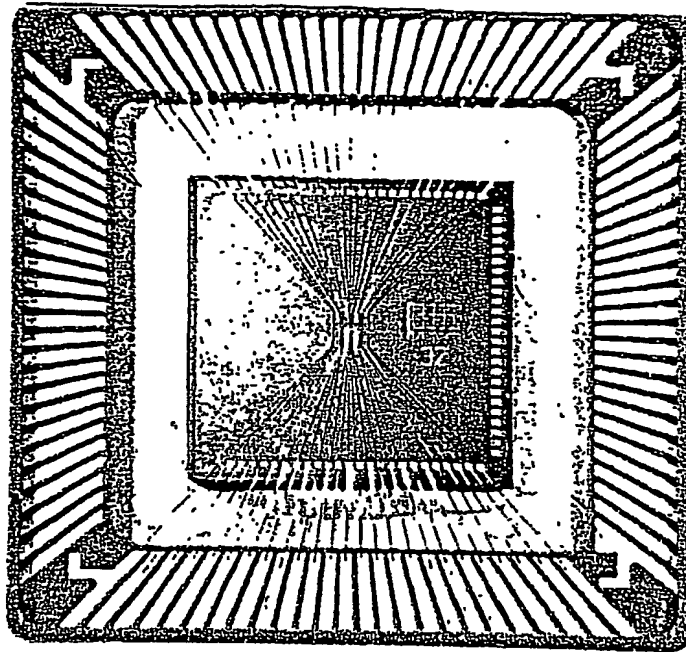


Fig. 15

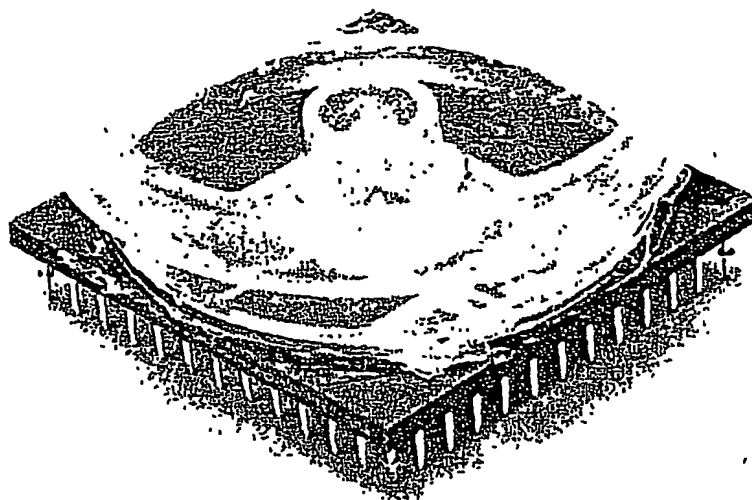


Fig. 16



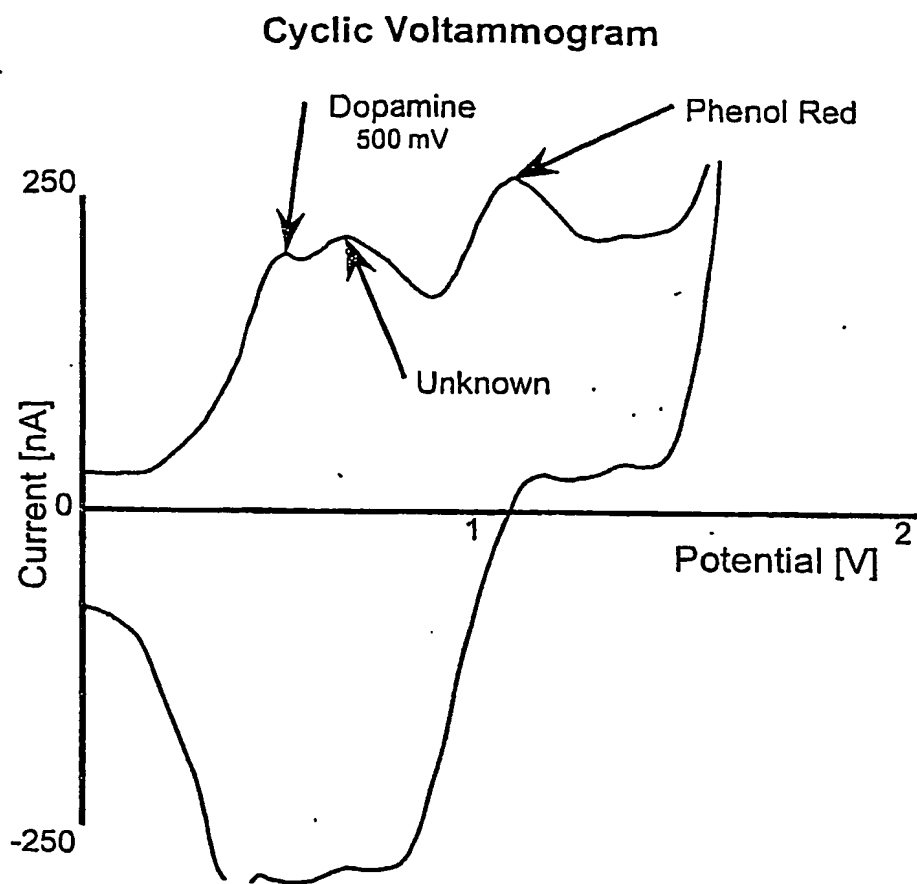


Fig. 17

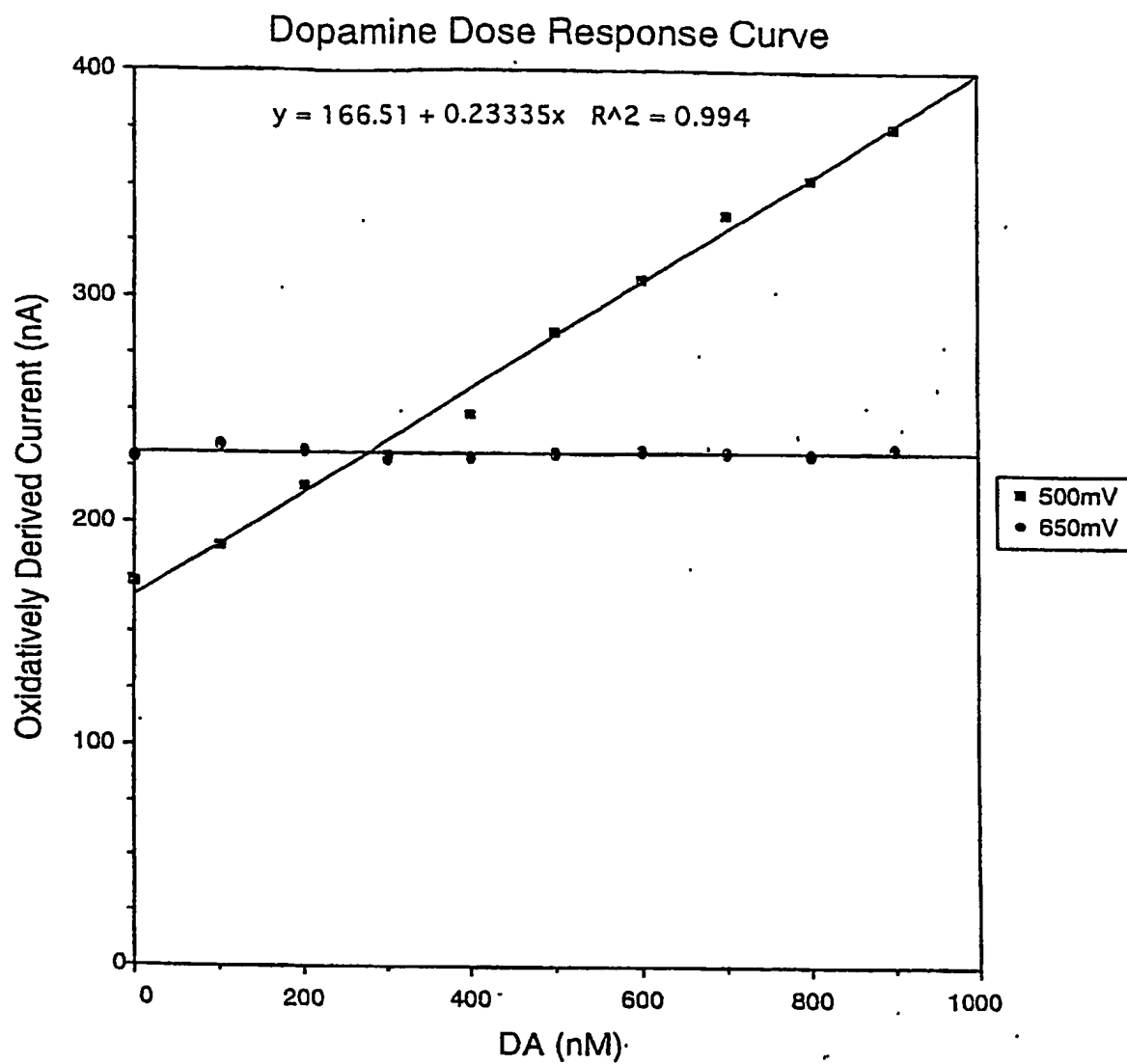


Fig. 18

## Sensor Array N1F-8-3; Sensor #0

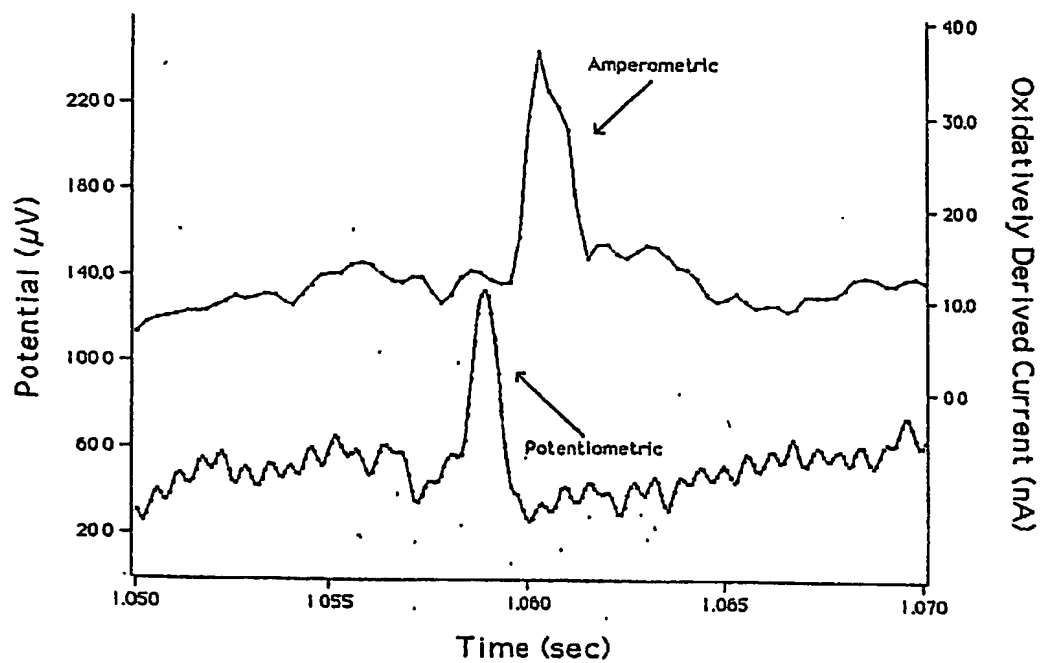


Fig. 19

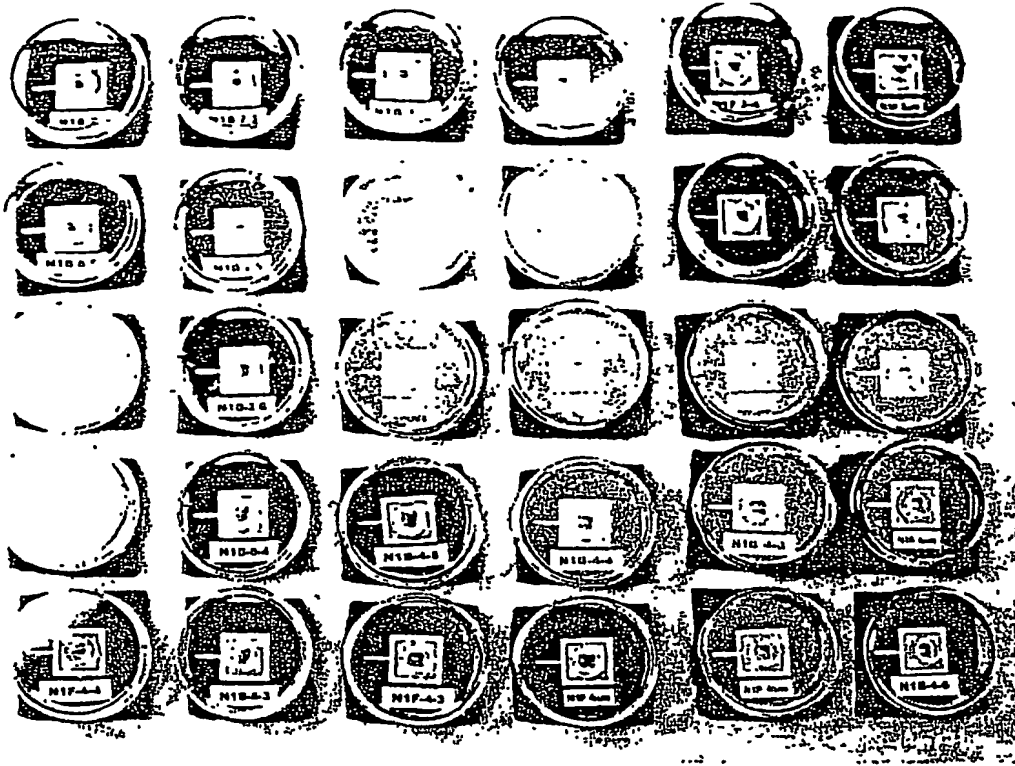


Fig. 20

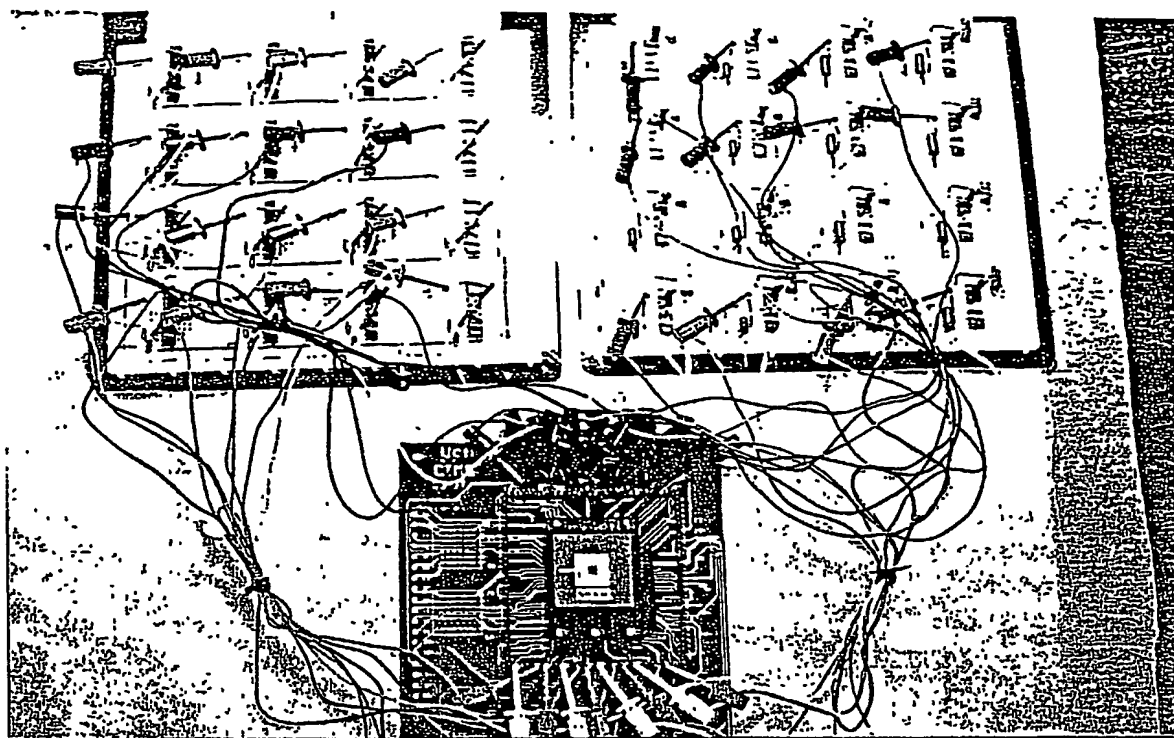


Fig. 21

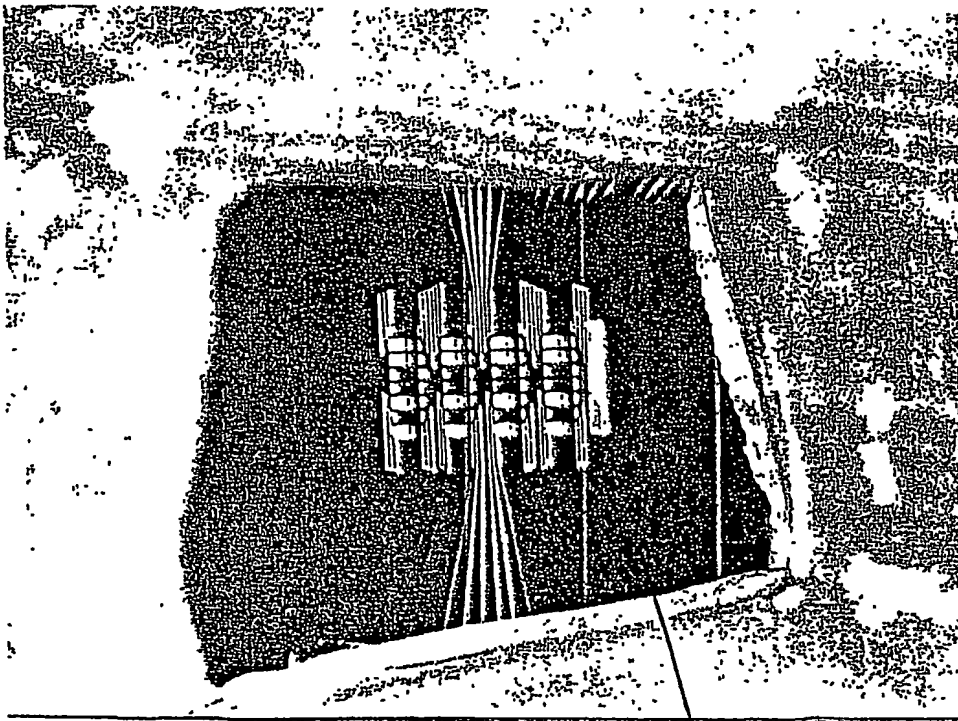
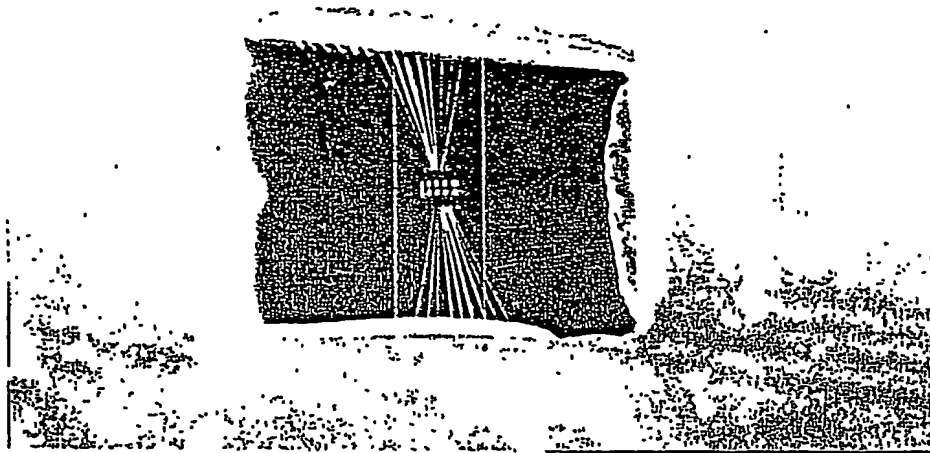


Fig. 22

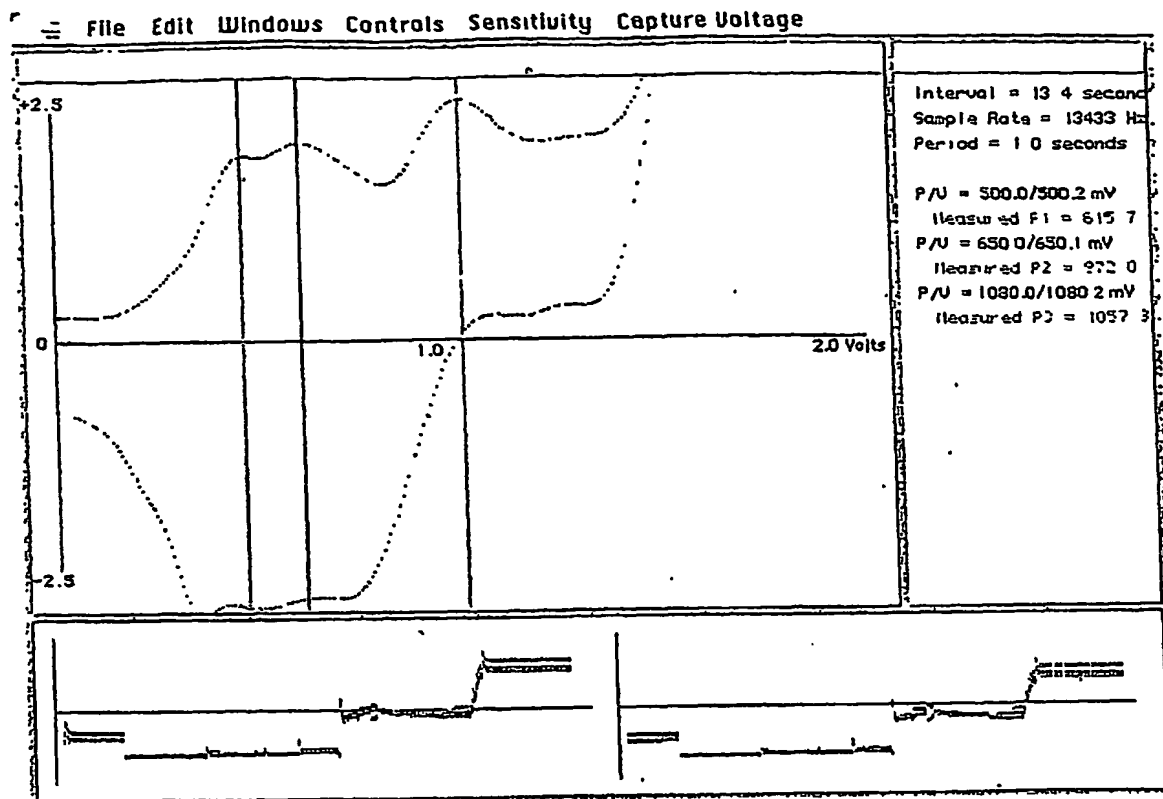


Fig. 23

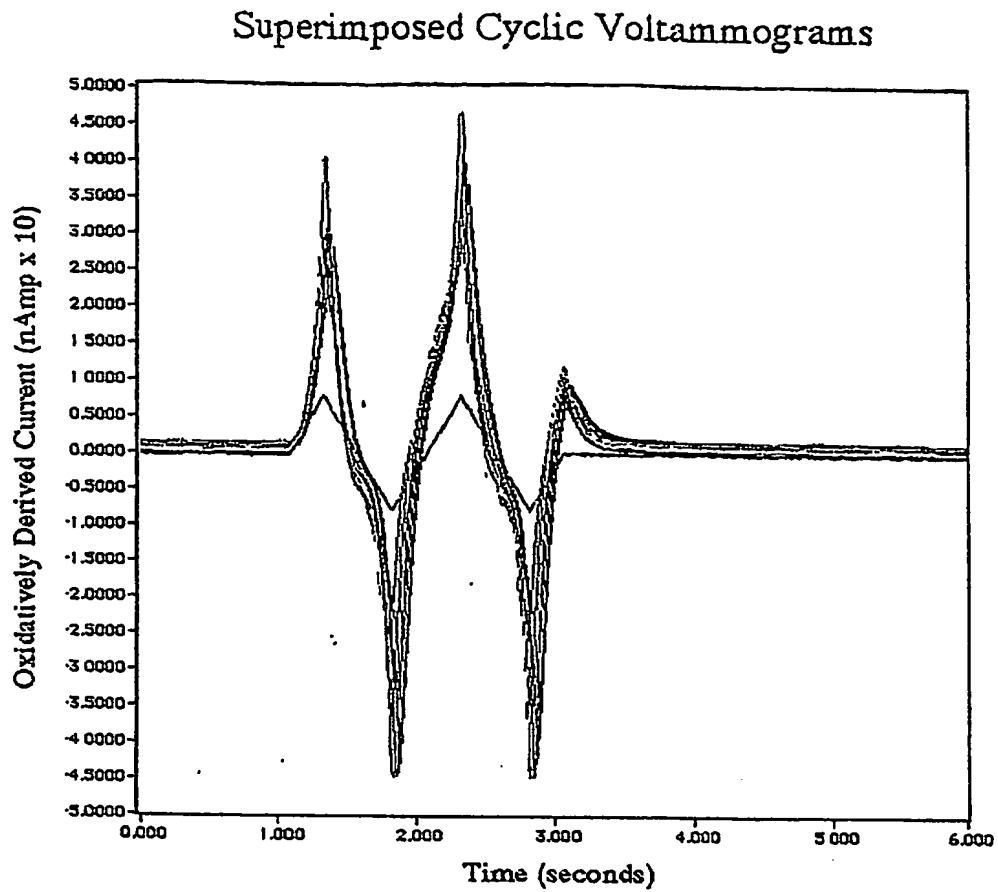


Fig. 24





Fig. 25

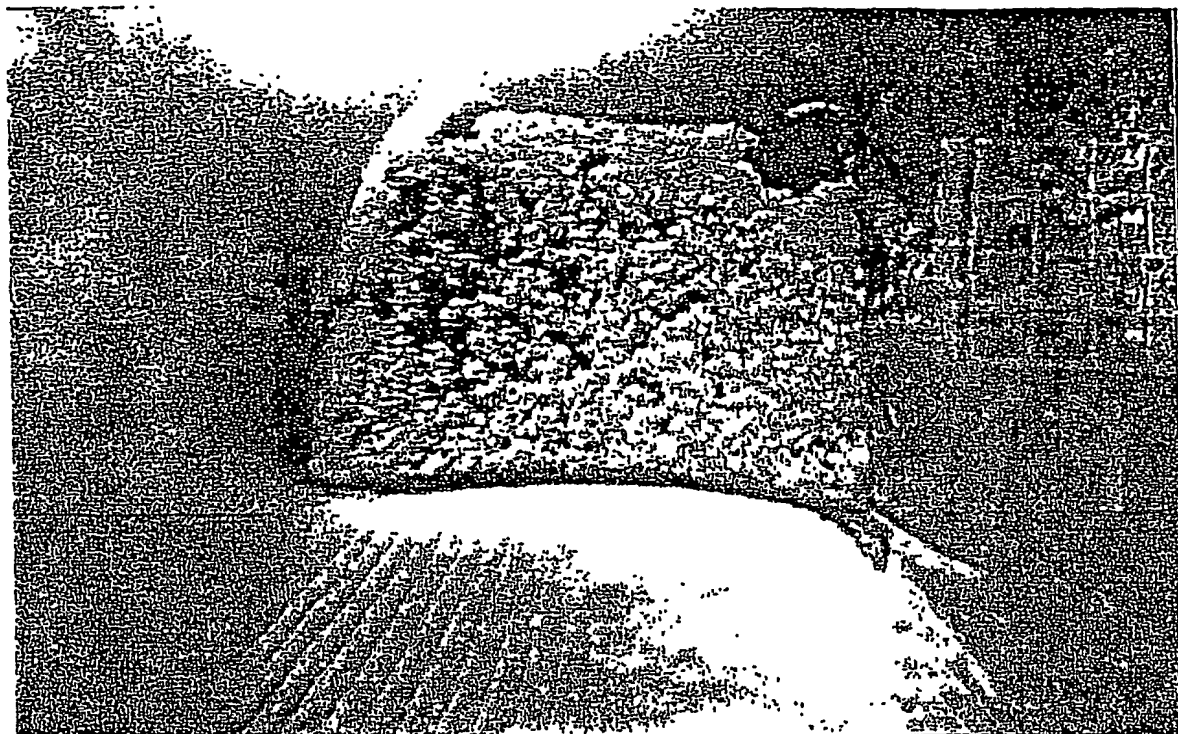


Fig. 26

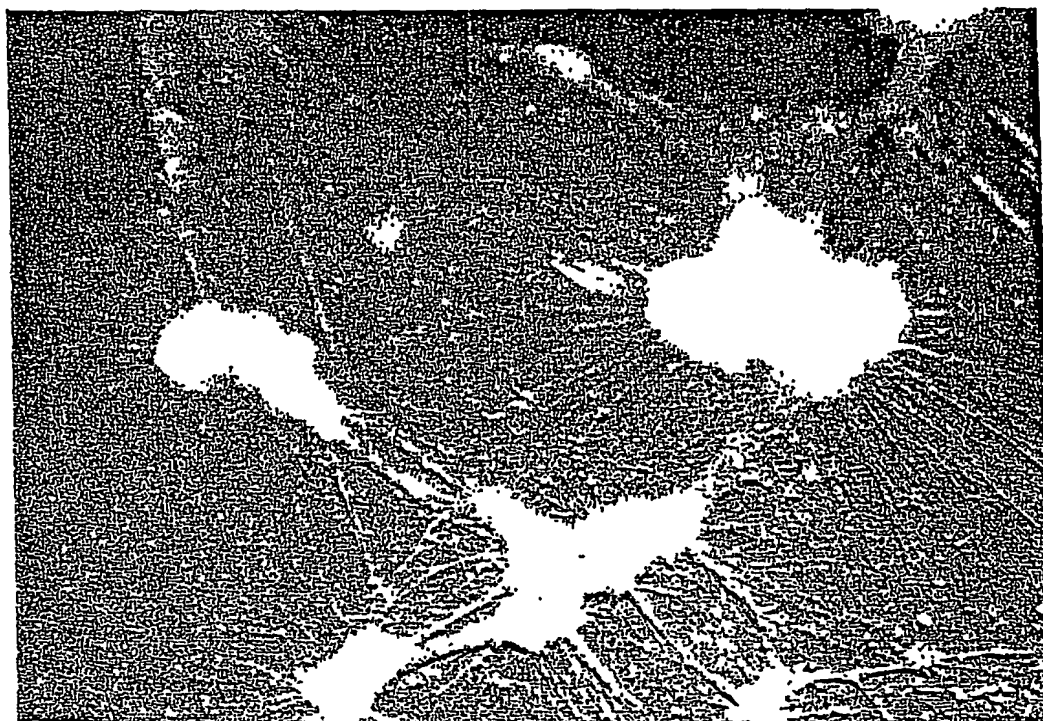
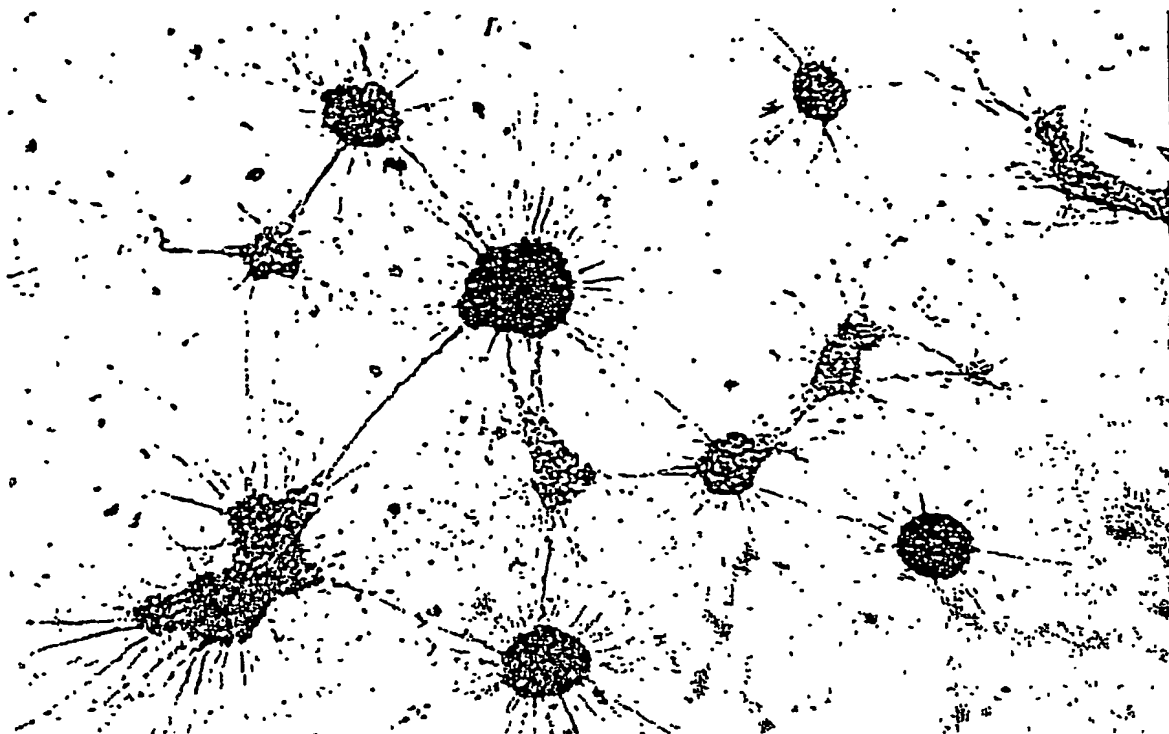


Fig. 27

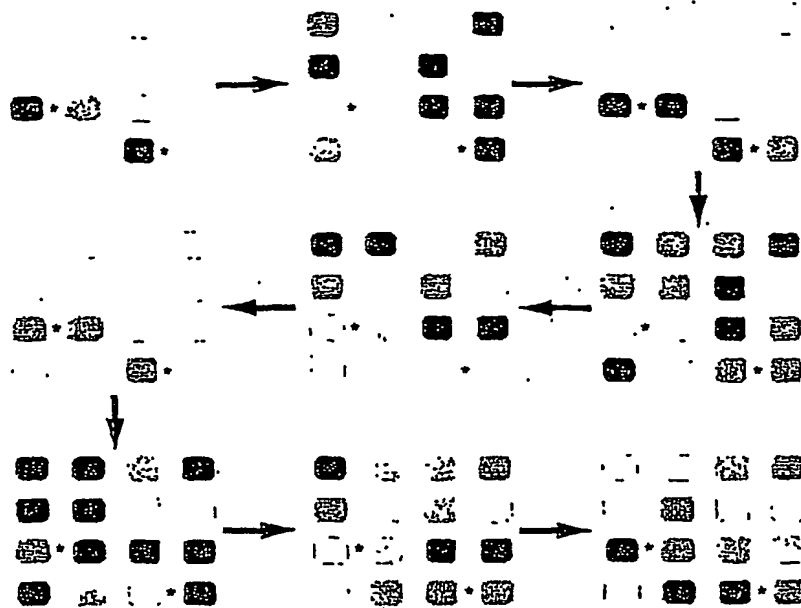


Fig. 28

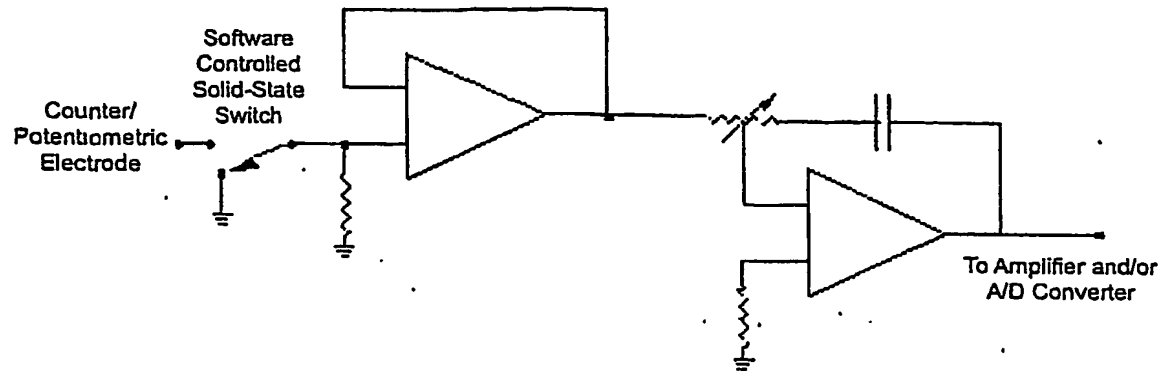


Fig. 29

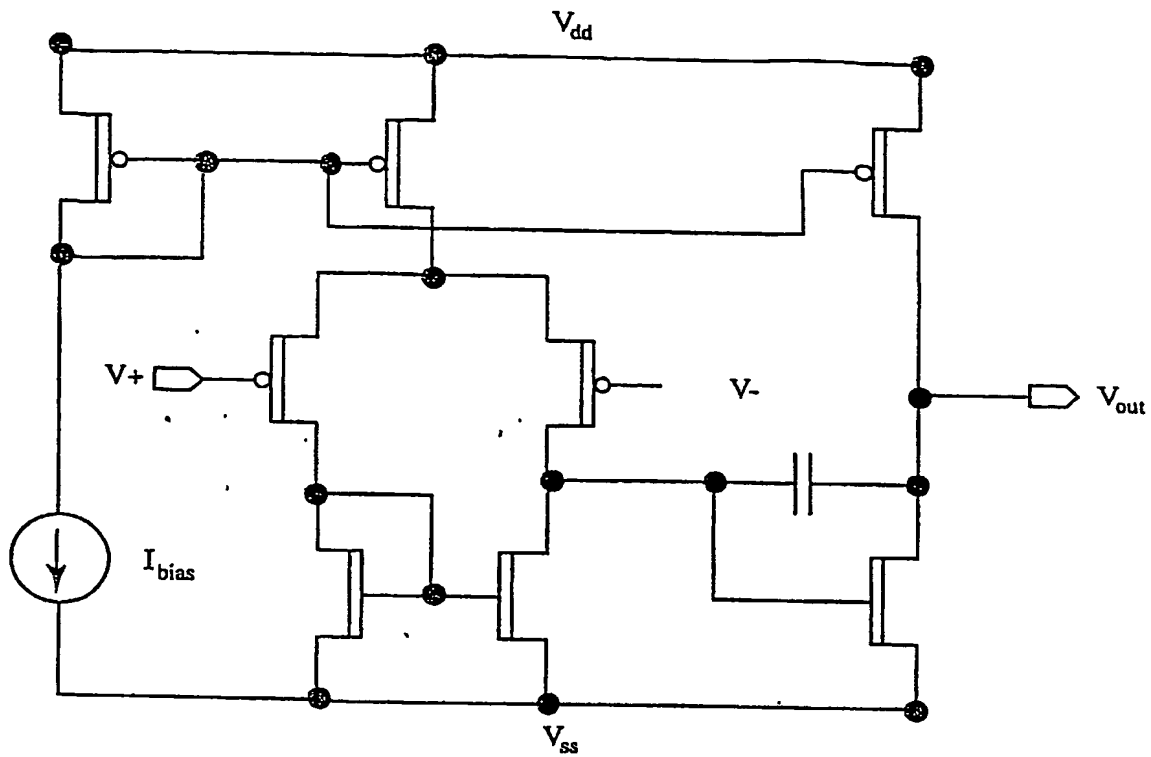


Fig. 30

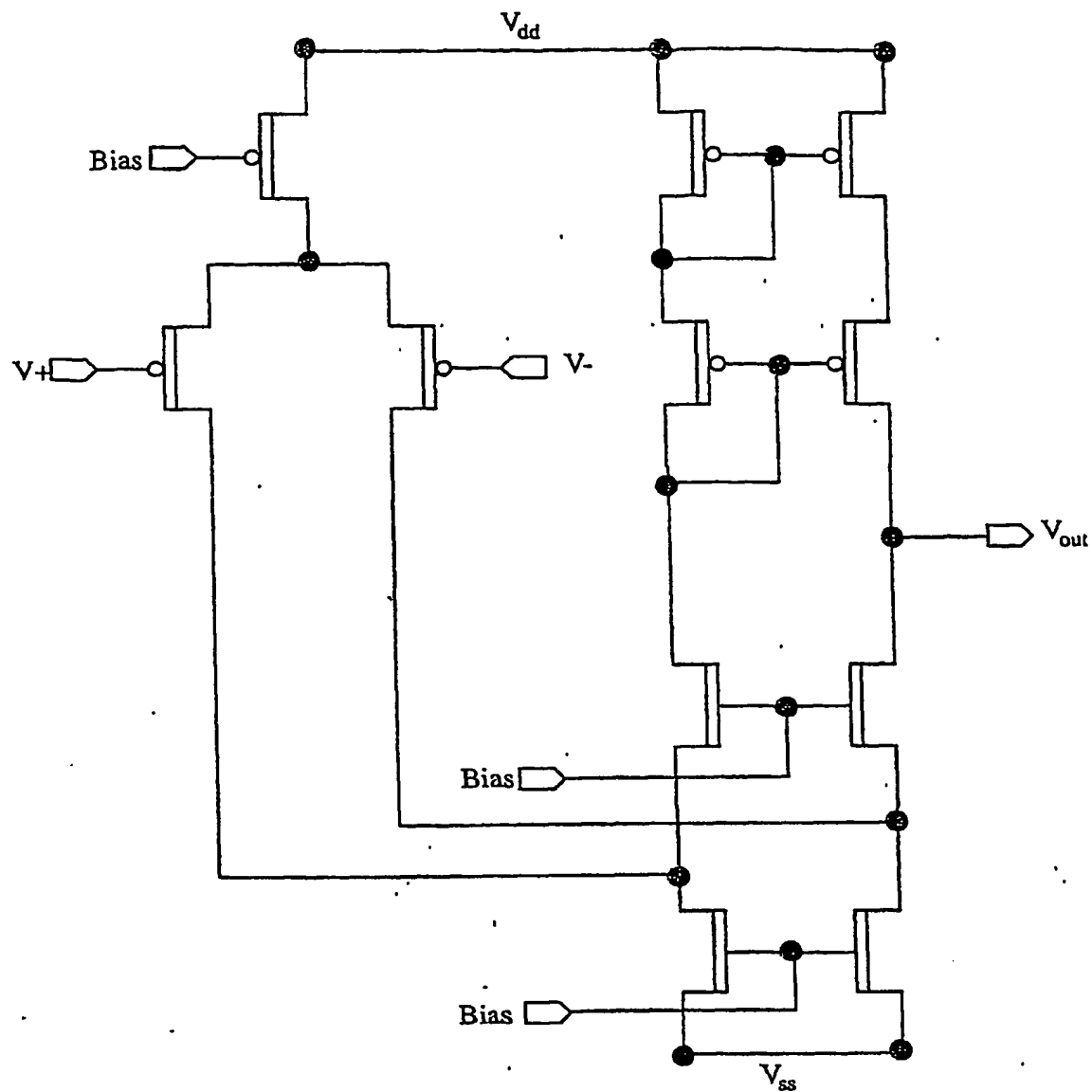


Fig. 31

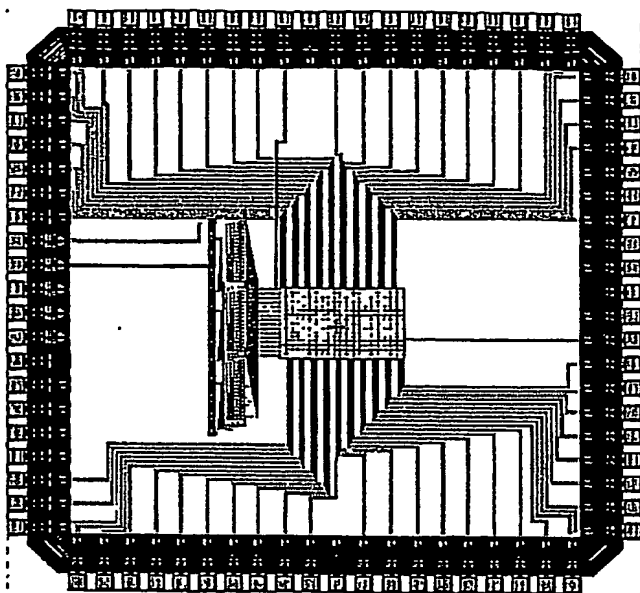


Fig. 32



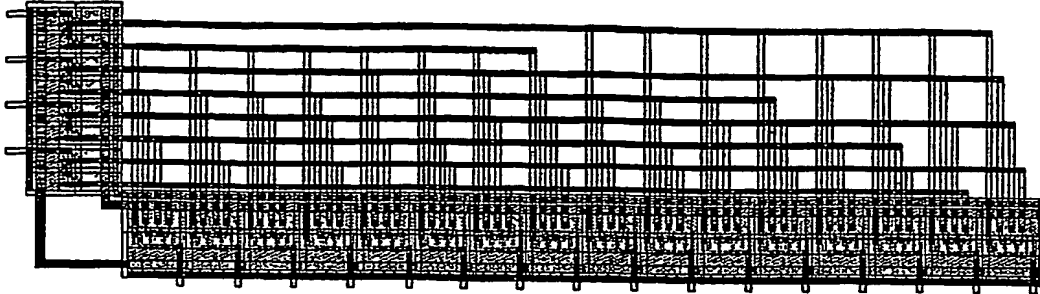


Fig. 33

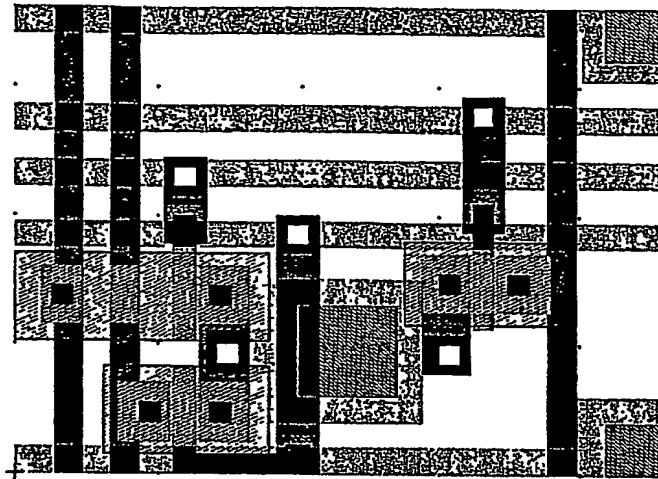


Fig. 34

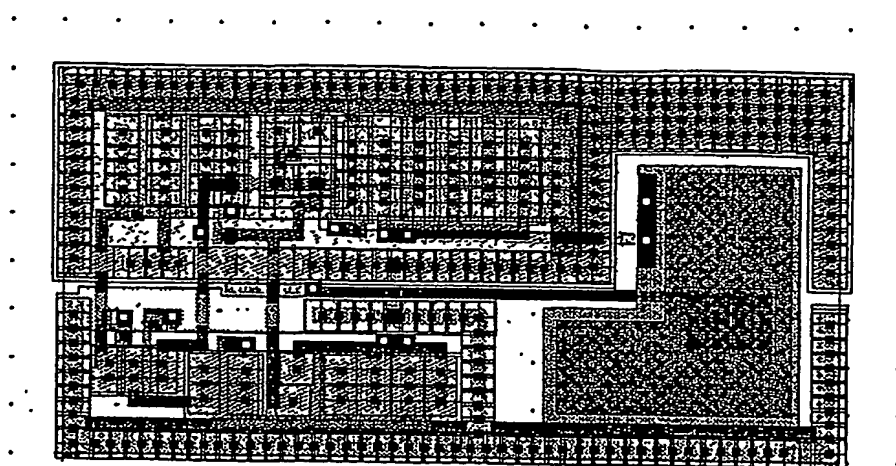


Fig. 35

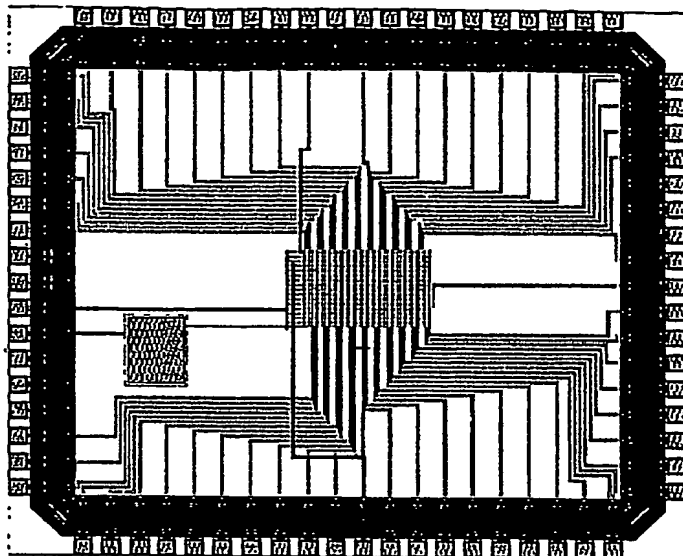


Fig. 36

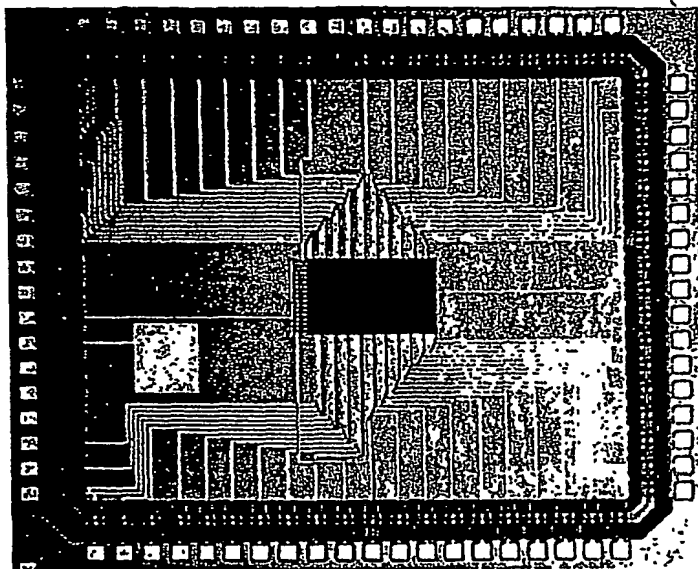


Fig. 37

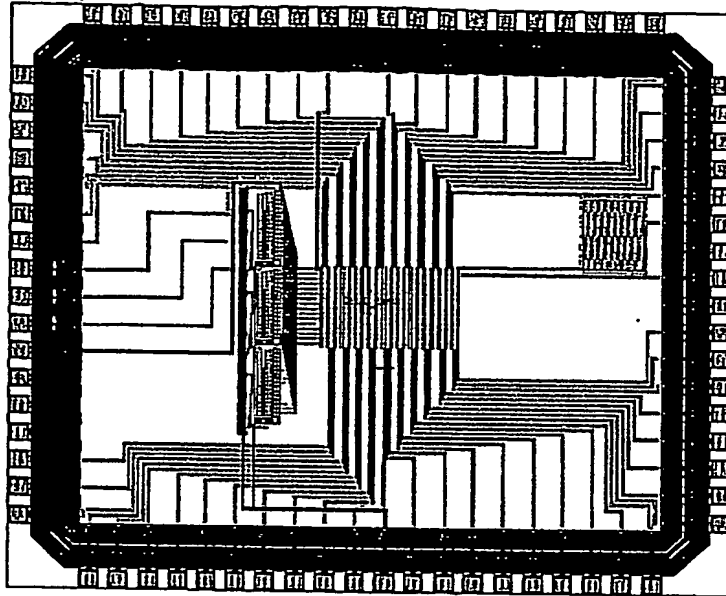


Fig. 38

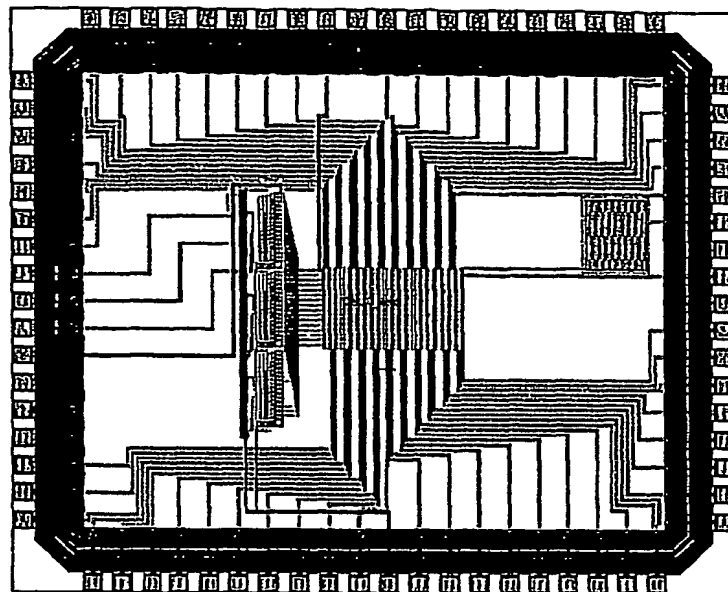


Fig. 39

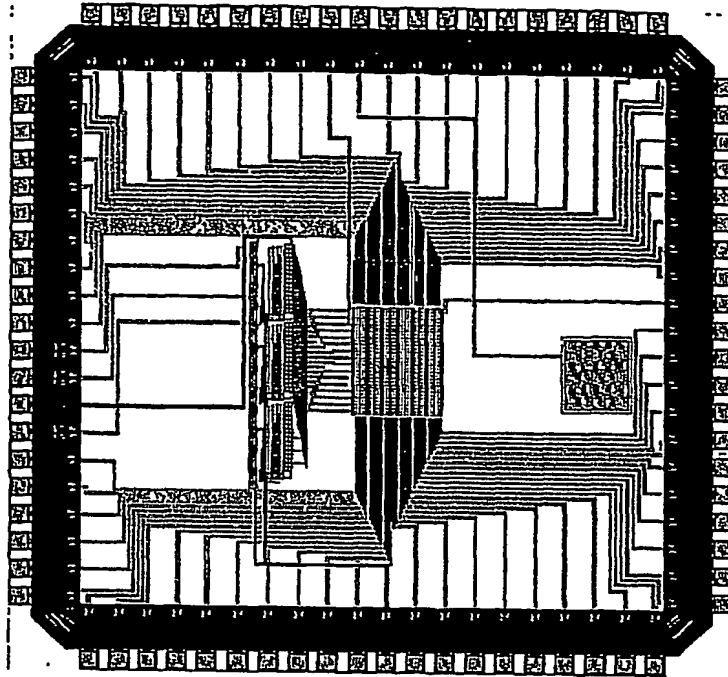


Fig. 40



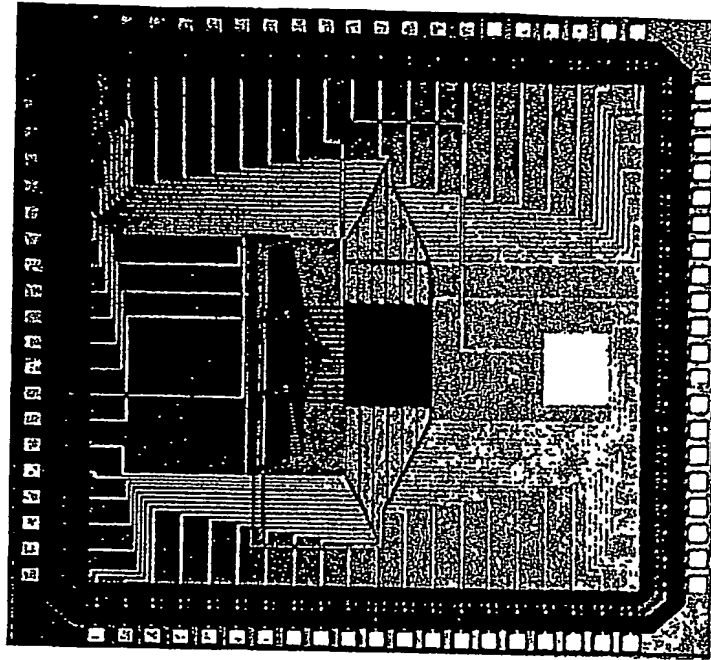


Fig. 41

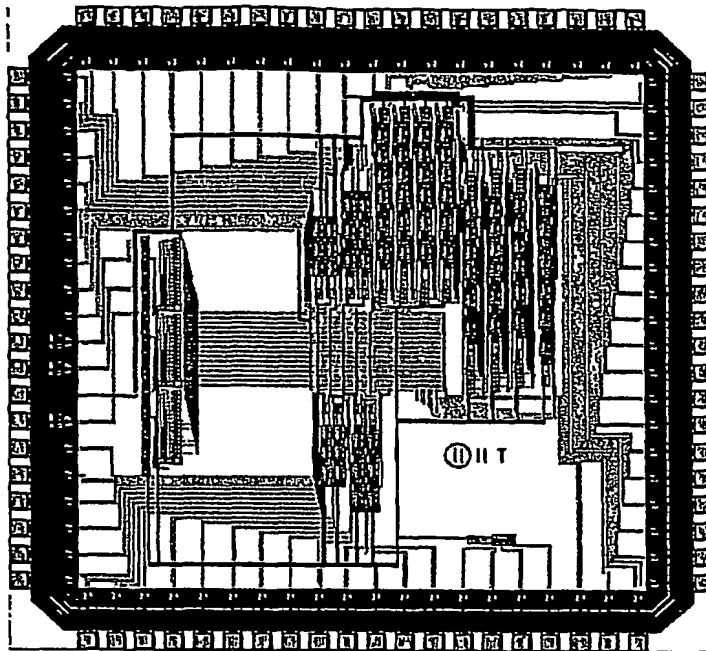


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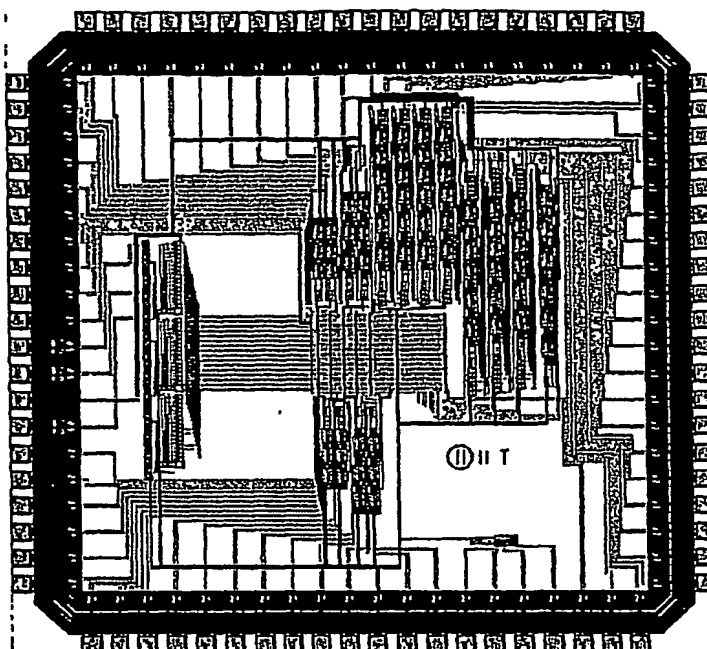


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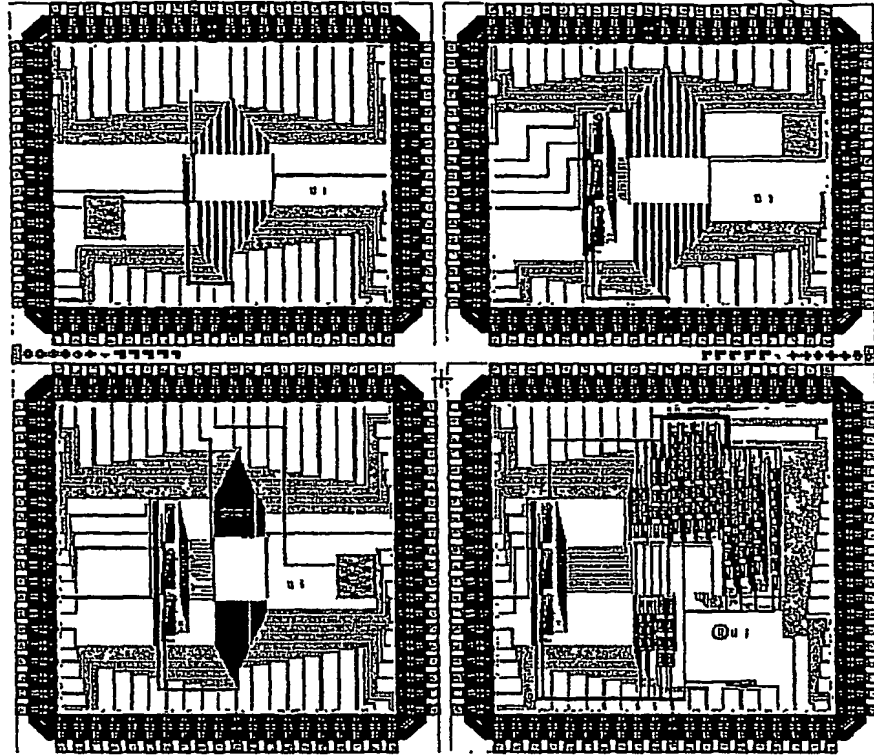


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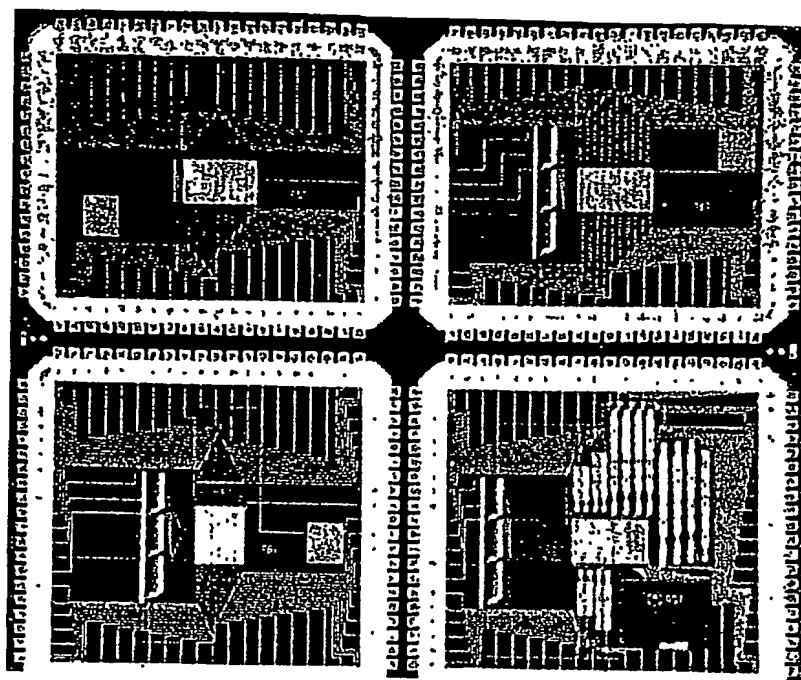


Fig. 45

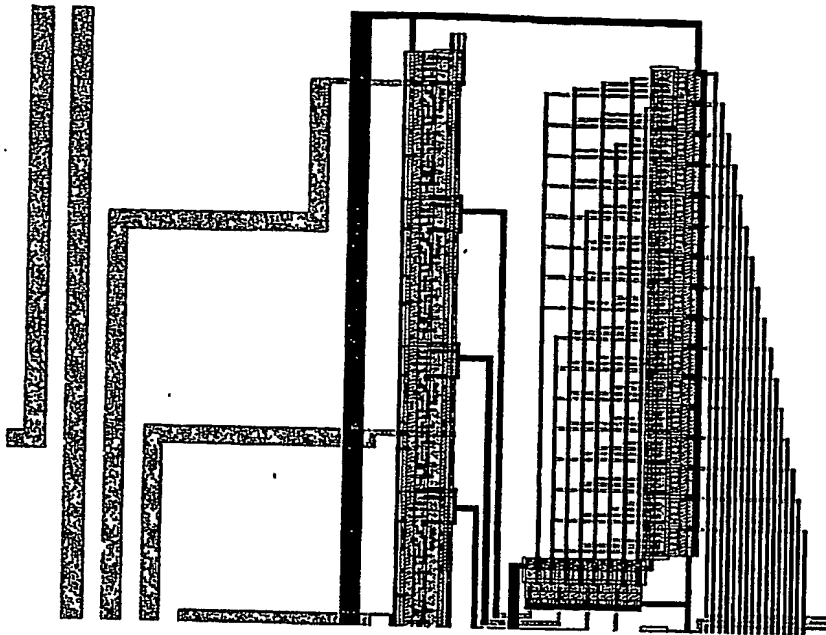


Fig. 46

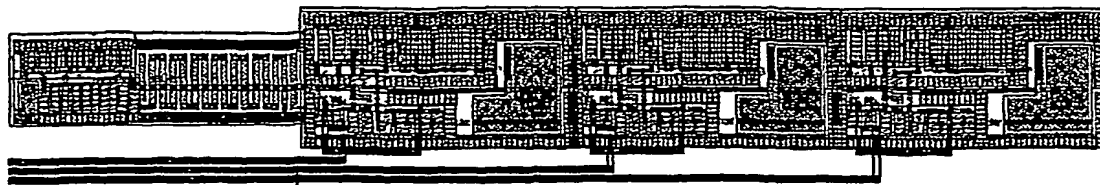


Fig. 47

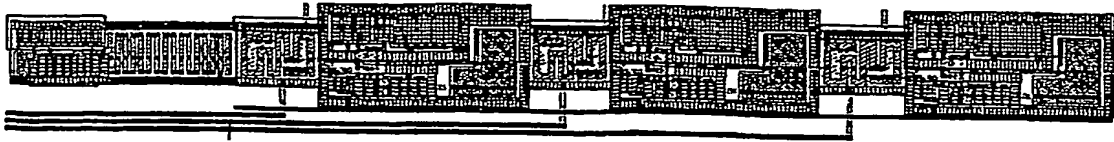


Fig. 48



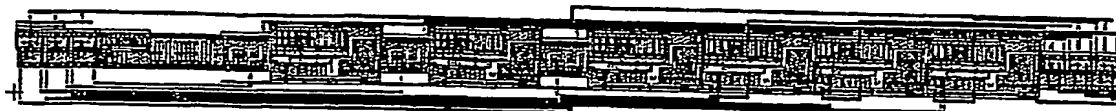


Fig. 49

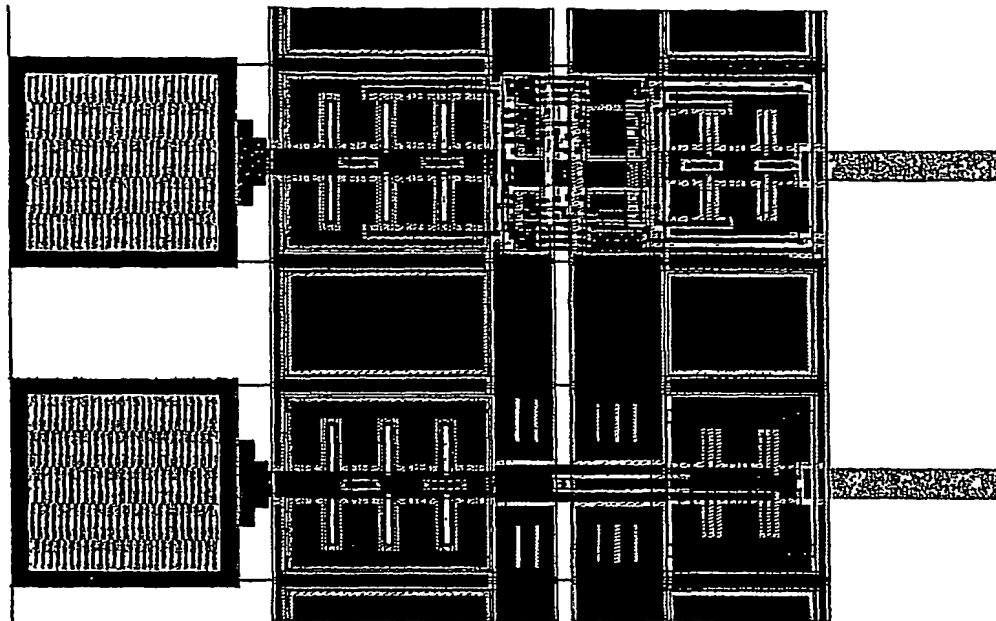


Fig. 50

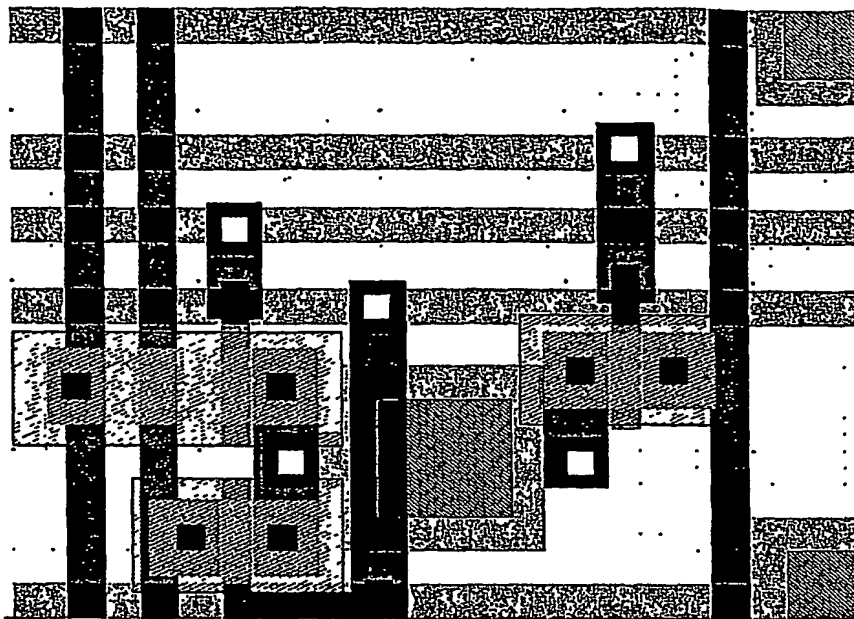


Fig. 51

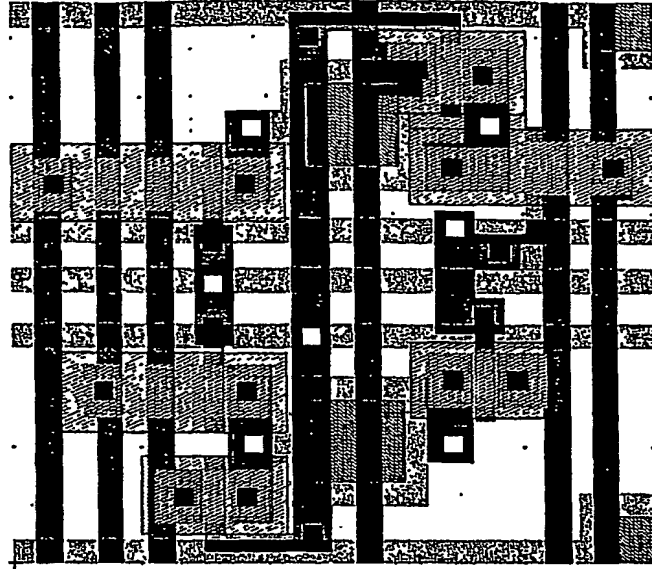


Fig. 52

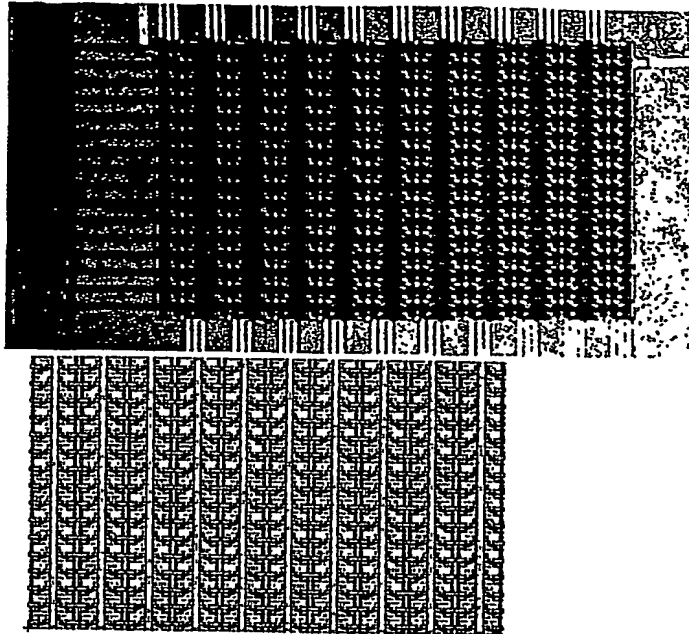


Fig. 53

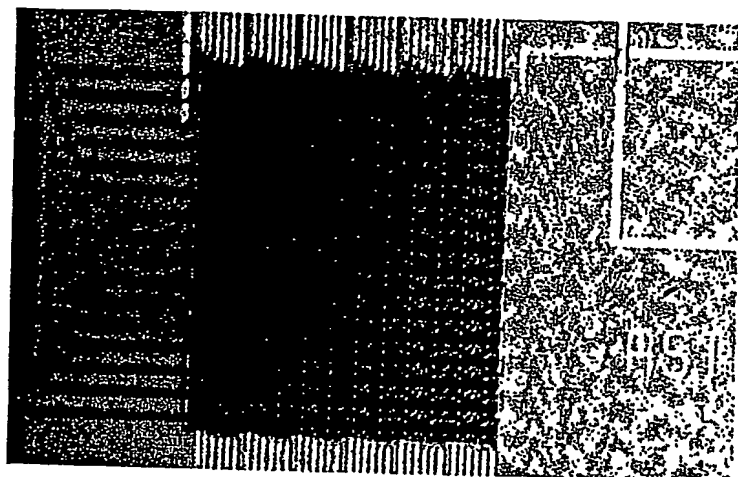
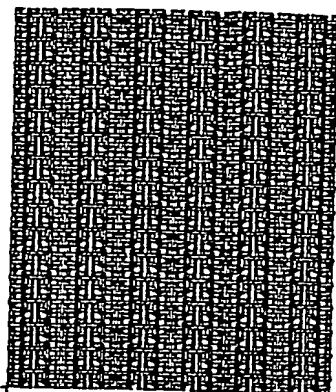


Fig. 54

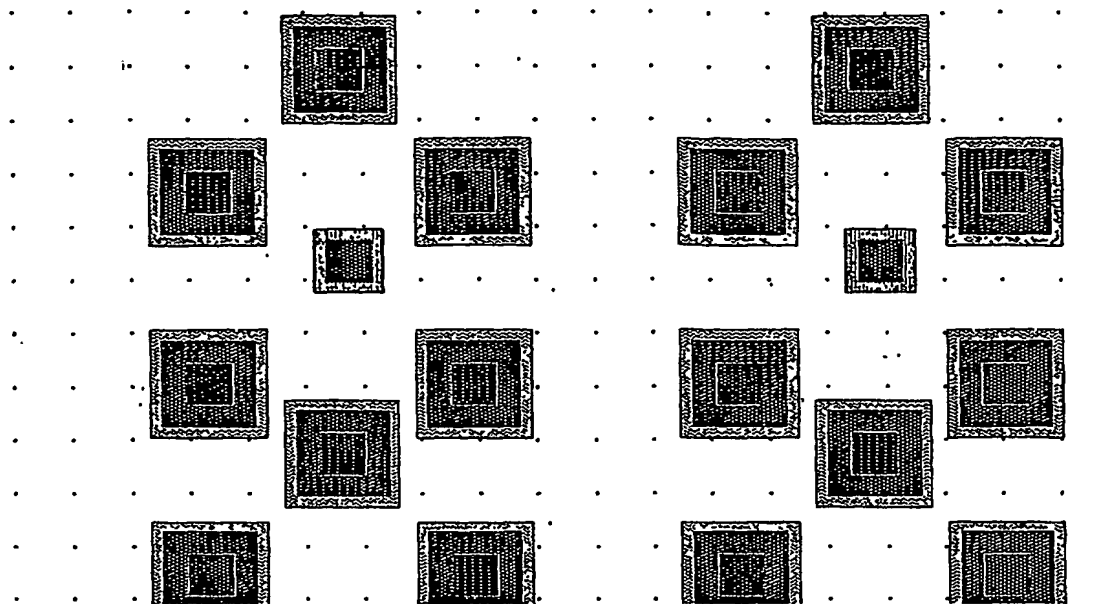


Fig. 55





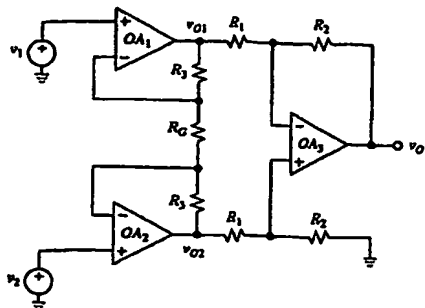


Fig. 57 A

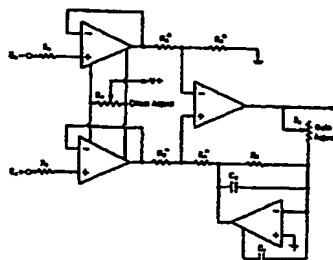


Fig. 57 B

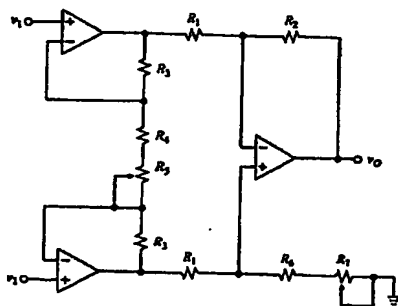


Fig. 57 C

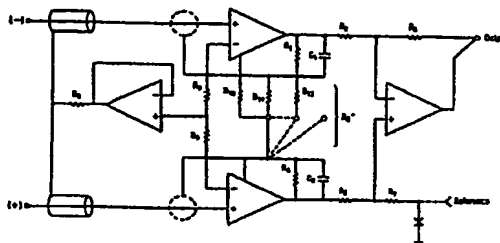


Fig. 57 D

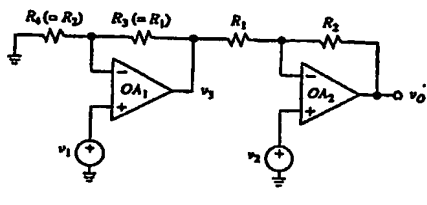


Fig. 57 E

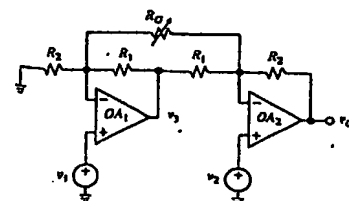


Fig. 57 F

Fig. 57 A-F

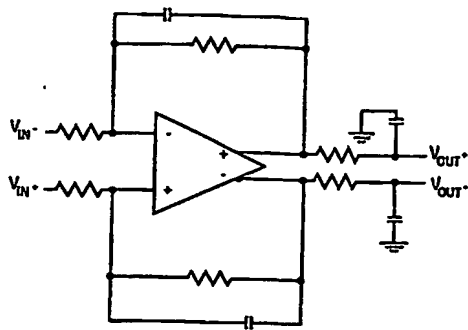


Fig. 58

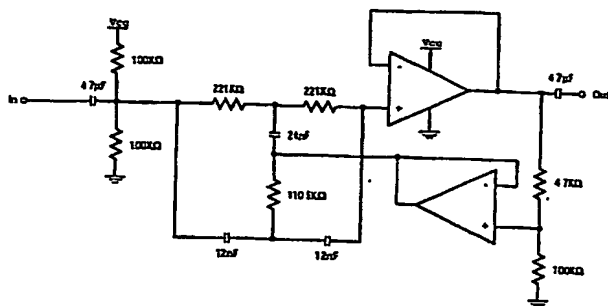


Fig: 59

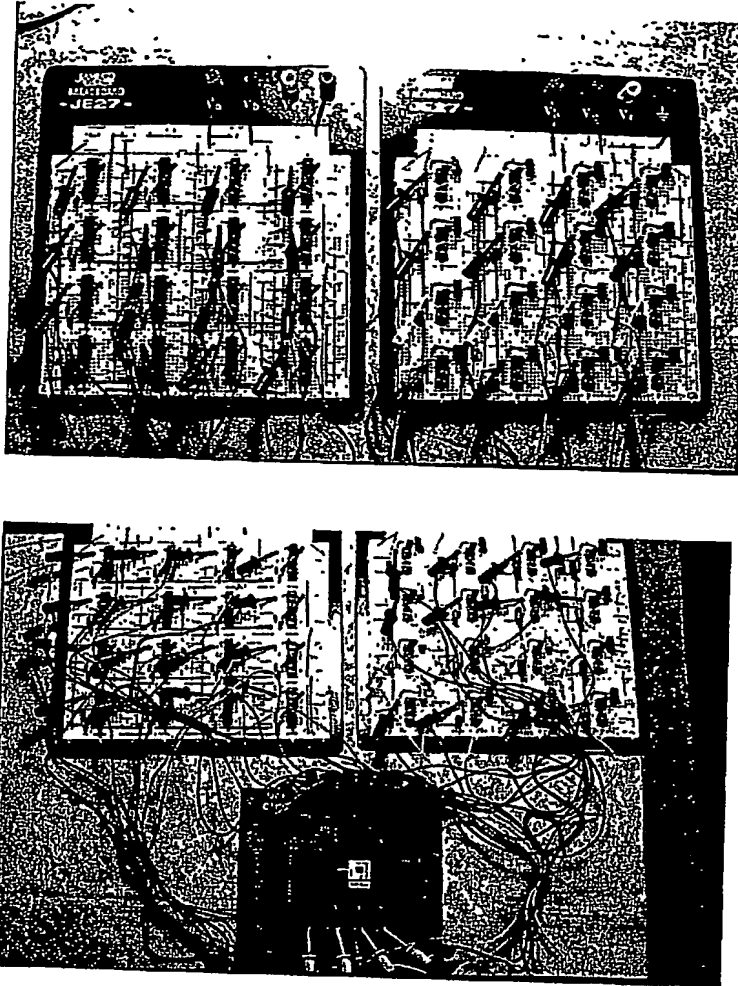


Fig. 60

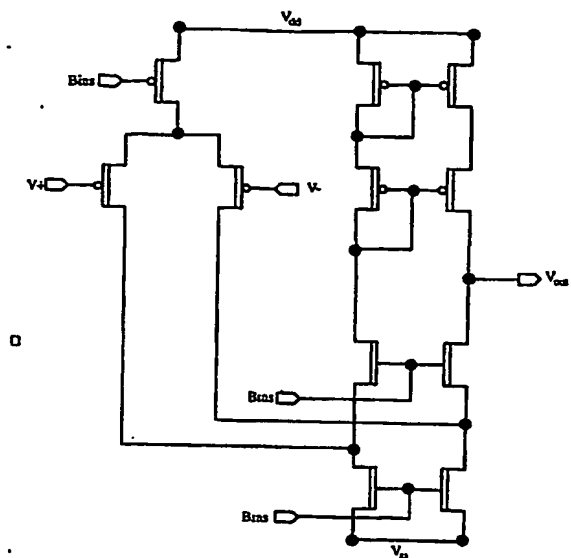


Fig. 61

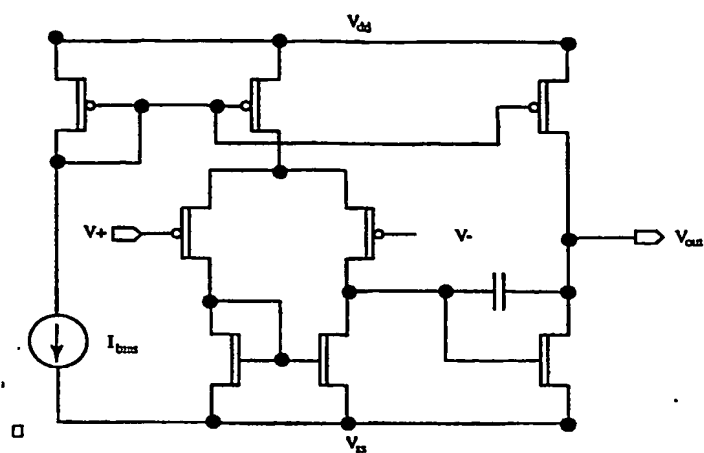


Fig. 62

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